





HOLMES'


1914

HANDBOOK

of

SEEDS

GRAND NEW ASTER
"ASTERMUM"
SEE PAGE 41



HOLMES SEED COMPANY
HARRISBURG, PENNSYLVANIA

Satisfaction Guaranteed, or Your Money Back



IN presenting our 1914 Handbook of Seeds, we wish to call attention to the fact that we have eliminated a great deal of unnecessary descriptive matter which makes catalogues tedious and cumbersome, and have given the salient points of each variety in as few words as possible.

We also wish to thank our customers for their kind patronage in the past, and respectfully solicit a continuance of their favors. From those who have not as yet favored us with orders, we respectfully solicit a trial. All orders entrusted to us have our prompt and careful attention.

OUR RESPONSIBILITY AND STANDING. Holmes' Seed Company is incorporated under Pennsylvania laws. We refer you to Harrisburg National Bank or Security Trust Company of Harrisburg, to Dun's and Bradstreet's Mercantile Agencies, and to any responsible business house in this city. We feel sure that when you have once bought from us you will become our permanent customer. We give you good seeds and plants at fair prices. You get your money's worth always. If a mistake is made, it is our desire to correct it; this you may depend on.

WE DELIVER FREE. The prices quoted include prepayment of charges on all seeds, plants, bulbs, etc., whether they may be sent by mail, express or freight, except where noted. If you prefer to deal with your local storekeeper, ask for Holmes' Tested Seeds. If he does not have them, then send direct to us.

WE GUARANTEE OUR SEEDS to be pure and of strong vitality. If, from any cause, they should fail to prove of such quality, we will refill the order or refund the price paid upon receipt of satisfactory evidence that such is the case. **But the Holmes Seed Company does not give,** nor are any of their agents or employees permitted to give, any warranty, expressed or implied, as to descriptions, quality, productiveness, or any other matter of any seed, bulb or plant they send out, beyond the guarantee published in this catalogue, which is very liberal, and will not be in any way responsible for the crop beyond the replacing of the seeds or returning the money paid. If the purchaser does not accept the goods on these terms, they are at once to be returned. Good seeds, fair prices, honesty, "money back"—our policy.

WE ESPECIALLY INVITE CHARGE ACCOUNTS. It is more convenient than remitting cash with every order you send. Parties unknown to us will please refer to some firm with whom they have an account, when sending their first charge order.

DISCOUNT, AND HOW TO REMIT. If your order is for one dollar or more, deduct 20 per cent from the total value, at catalogue prices, of seeds, by the packet or ounce. This does not apply to larger quantities. Unless you have a charge account, we request that remittance to the amount of each order be sent with the order, and guarantee that full value will be received in good order.

HOLMES SEED COMPANY



HOLMES' MOTTO: A PLEASED CUSTOMER IS WORTH HIS OR HER WEIGHT IN GOLD

We do not say, however, that we are able to please everybody; but *we try* to have the *best seeds that grow*, and not only grow but produce the *best results*, therefore Holmes' "Tested Seeds of Known Vitality and Purity" are the seeds you should use. The best evidence of this is expressed in the few lines given below, by Mr. Hoover, Superintendent of the Public School Gardens in Harrisburg, where Holmes' Tested Seeds, in the hands of nearly five hundred boys and girls, not having the knowledge of many older persons, did not have a single failure. This certainly speaks well, and should be an incentive for *you* to give Holmes' Tested Seeds a trial.

Mr. B. C. Hoover, Superintendent of the School Gardens, Harrisburg, Pa., dropped in our store and said, "I should like to tell you how your seeds are doing. We have 286 plots at Nineteenth and Chestnut, and 241 plots at Fifth and Seneca, and can report that 'Holmes' Tested Seeds,' in the hands of novices, have been the most successful we have ever used. Heretofore we have been buying our seeds from other sources, but your seeds are so far superior as to vitality and purity that we will hereafter place our orders with your house. There has not been a single failure."

If in the hands of our young gardeners they prove successful, why not in the hands of experienced planters?



This Lawn was Sown with Holmes' Capitol Park Lawn Grass Seed

Choice Lawn Grass Seed Mixtures

A Few Words Here.—The seedsman is always censured if weeds come up in the lawn. We invariably purchase the finest grasses we can obtain, either here or abroad. Weed seeds are carried by the thousands by birds and by the manure you put on the soil. Even if you plant nothing, weeds will come. We know of soil which was excavated at a depth of seventy feet and inside one month was covered with a magnificent growth of numerous weeds.

MAKING AND CARING FOR THE LAWN

Preparing and Manuring the Ground. In making a new lawn, all grading, tree planting and laying out of walks and drives should be done first. The ground should be thoroughly dug or plowed to a depth of 10 or 12 inches, after which some good fertilizer—pure ground bone or pulverized sheep manure is especially recommended—should be applied at the rate of 600 to 800 pounds per acre. The ground should be fine and perfectly smooth and even.

Sowing the Seed, Rolling and Weeding. The best time for sowing grass seed is in spring, from February to May, or if in fall, from September to November, using on small plots at the rate of one quart of seed to each 15 square feet, and for large lawns, golf links, tennis, cricket and croquet-grounds, use at the rate of eighty pounds of seed per acre, and for putting-greens, 100 pounds of seed per acre. After the seed has been sown broadcast the ground should be thoroughly rolled; or, on small places, beaten with the back of a spade to "firm" the surface and press the seed into the soil. Annual weeds, natural to the soil, will appear before the young grass becomes established; none of these should be allowed to ripen their seeds.

Renovating Old Lawns. This should be done either in the spring or early fall, by raking the soil where bare spots occur, and sowing seed, taking care that it is not covered too deep, and also to roll or pat the surface smooth with a shovel.

Cutting, Weeding and Watering. When the grass has attained a height of 4 inches it should be mown, care being exercised not to cut it too close. Frequent rolling and mowing will make the turf close and compact, strengthen the grass and render the lawn smooth and attractive. Lawns require frequent watering and feeding to keep up their vigor. We recommend **Holmes' Lawn Dressing** as the best fertilizer for nourishing lawns.

Top-Dressing in Fall. A coating of wood-ashes and ground bone in the late fall is very beneficial and gives the lawn a good start in the spring. It is also advisable to roll the lawn after the last cutting in the fall; it prevents much of the young growth from freezing out at the roots.

THE AMERICAN LAWN BEAUTIFUL. A booklet brimful of valuable information free for the asking.

HOLMES' CAPITOL PARK LAWN GRASS SEED

Both for Forming New Lawns and Renewing Old Lawns. The Kind that Gives Lasting Results. Four Weeks from Sowing You Can Use Your Mower

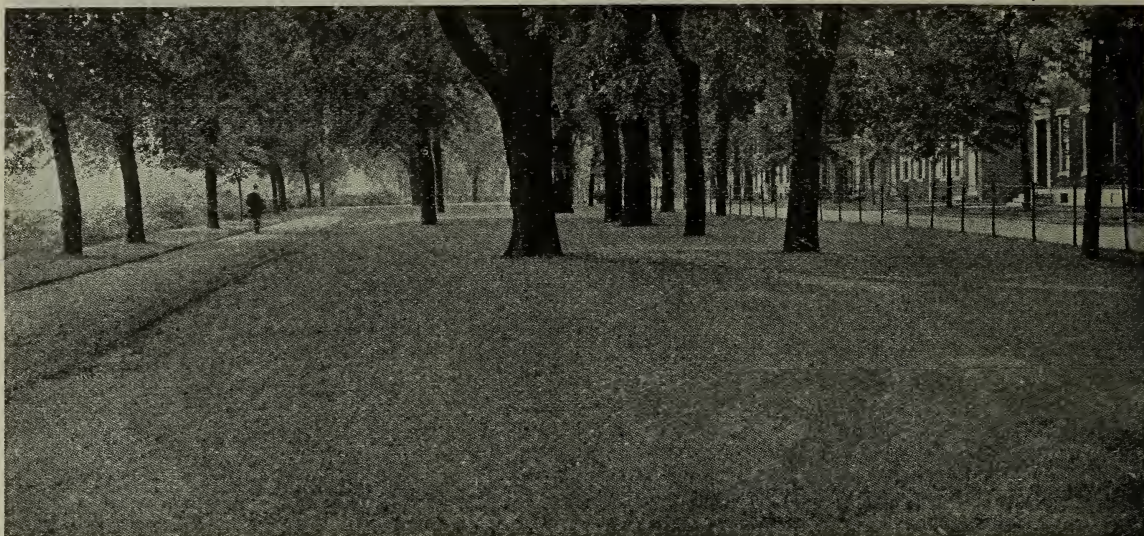
A good lawn once made will last for years if the right material is used and the work properly done. Our Capitol Park Lawn Seed has been thoroughly tested in all parts of the country and gives perfect satisfaction. Its use will insure a beautiful, green, smooth, velvety sward, which is often ready for cutting in from four to six weeks. Composed of fancy, re-cleaned domestic and foreign grasses best adapted for a perfect and enduring lawn. No more sodding, once Capitol Park Lawn Seed is used, for, if directions are followed, you are sure of good results. Lawn seed can be sown at almost any time, from early spring to late in the fall. **Qt. 25 cts., 2 qts. 45 cts. (add 5 cts. per quart extra if sent by mail). Seed in bulk, by freight or express, peck \$1.25, bus. of 20 lbs. \$4.**

HARRY W. MILLER, Harrisburg, Pa., writes: "It affords me a great deal of pleasure to express the satisfaction I have experienced in the sowing, on new and heavily weeded ground, of your Capitol Park Lawn Grass Seed Mixture. The grass was above the surface of the ground four days after it had been sowed, and today there is a thick, velvety verdure which is the admiration of the neighborhood. I have never seen its equal anywhere. This goes to prove that seed, if properly sown according to your booklet, *The American Lawn Beautiful*, which you advised me to read, will give results; and the beauty of it all is no weeds have made their appearance."

HOLMES' TERRACE MIXTURES

A mixture of grasses best adapted for sloping ground and terraces. Has deep, spreading roots that hold embankments and cover terraces with a beautiful green turf. **By freight or express, qt. 30 cts. peck \$1.50, bus. of 20 lbs. \$5.**

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



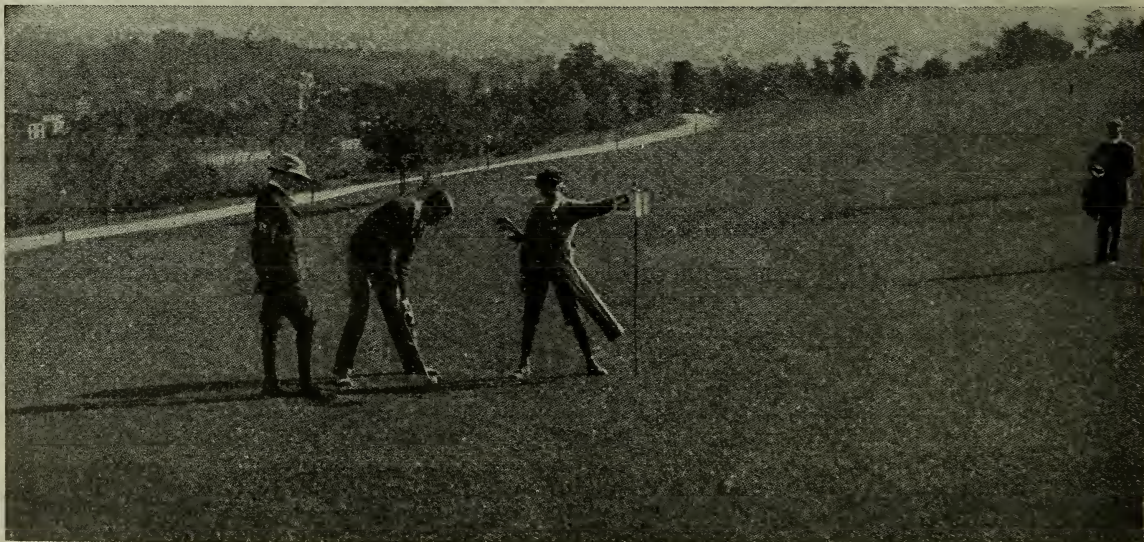
HOLMES' SHADY NOOK LAWN MIXTURE

The beauty of many lawns today is marred by the unsightly bare spots under trees and shrubbery and close to walks, due to all-day shade. Unfortunately the regular Lawn Grass Seed will not thrive well in shady places, but we have, by long experience in the study of grasses and their growing natures, succeeded in making a special mixture that will produce a velvety green sod in the very shadiest nooks and corners. The special grasses that are used in this mixture are mostly imported and high-priced, and we can recommend this variety to our most critical trade. The grasses are all fancy re-cleaned and we make the prices as low as possible consistent with the quality offered. Ground that is densely shaded is usually covered with moss and clumps of coarse grasses, which should be removed and the ground covered with slaked lime before sowing our special mixture. **Qt. 35 cts., postpaid. By freight or express, qt. 30 cts., 4 qts. \$1, peck. \$1.60, bus. of 20 lbs. \$5.50.**

V. GRANT FORRER, Supt. Harrisburg Park Commission writes—

I desire to say that the grass seed which you furnished of your Shady Nook Mixture for the shady places on Front Street under the trees speaks for itself. The results obtained were more than satisfactory, and I can unhesitatingly recommend your seed, not only the Shady Nook but also the grass seed you furnished for Golf-Course and Lawns, as being thoroughly reliable.

The above photograph taken on Front Street speaks for itself. The seed was sown early in spring, and on the date the photograph was taken, May 28, there was a beautiful sod.



HOLMES' GOLF-LINKS MIXTURE For Fair-Greens and Putting-Greens

For some years past we have made up a special mixture of grasses adapted specially for golf-courses. This mixture is composed of grasses that produce in a very short time a permanent, low-growing, tough green sward of beautiful appearance. By the use of our famous mixtures for fair-greens and putting-greens, a permanent turf can be produced in a very short time.

Holmes' Fair-Greens Mixture. Qt. 20 cts., 2 qts. 35 cts., 4 qts. 50 cts., peck. 85 cts., bus. of 15 lbs. \$3.25, 5 bus. \$15, 10 bus. \$27.50, 25 bus. \$65.

Holmes' Putting-Green Mixture. Qt. 30 cts., 4 qts. 90 cts., peck. \$1.50, bus. of 20 lbs. \$6, 5 bus. \$28.75, 10 bus. \$55.

The Fair-Green Mixture you supplied to the Colonial Country Club for use on the golf-course has answered the purpose exactly. This seed was sown from April 27 to 30. On all parts of the grounds where soil conditions, etc., were good it came up beautifully and in six weeks' time has made a fine sod. On hard, shaly knolls, extreme slopes and ground subject to heavy washes, of course no sod could be expected for years, but even on those spots we have got a foundation that will hold next seeding. With light seeding fall or spring we shall have a fine sod next spring.

As regards the lawn in front of Club House, seeded October, 1911, it shows up beautifully and certainly speaks well for Holmes' Capitol Park Mixture.—STEWART MCEWAN, Professional Green-keeper.

HOLMES' "TOUGH SOD" GRASS MIXTURE

For Tennis-Courts, Croquet-Grounds, Bowling-Greens, Ball-Parks, Etc.

It quickly forms an indestructible turf, smooth, firm, elastic, standing wear and tear of outdoor games. Under congenial conditions it will be ready for mowing four weeks from sowing, and in six weeks ready for playing.

Holmes' "Tough Sod" Grass seed is a blend of Grasses especially suited for the making of Grass tennis-courts, croquet-grounds, bowling-greens, etc. The turf required for outdoor sports must be closely interwoven, firm, elastic, smooth, and durable to stand the wear and tear. These requirements are met in Holmes' "Tough Sod" Mixture, which is composed of native and acclimated foreign fine-leaved, fibrous, deep-rooting Grasses that spread and intermingle, the seeds of which are blended in the proper proportions to form and maintain a tough, matted sward, constantly green, even in dry weather. These varieties of Grasses, being low-growing and fine-leaved, require to be sown liberally if a playing turf is desired quickly; not less than one quart should be used for 300 square feet, or five bushels per acre; half that quantity will do for renovating. Price, delivered free in the United States, qt. 30 cts., 4 qts. 75 cts., peck \$1.35, bus. of 20 lbs. \$5.



HOLMES' SPECIAL GRASS MIXTURE

For Permanent Pasture and Hay

Our famous mixture is becoming more generally used each season by progressive and successful farmers who desire an abundance of hay and permanent pasturage. This mixture is made up of the Grasses best calculated to afford an abundant and nutritious food-supply for stock, and its formula is based upon years of successful experience. It thrives well on all soils and is not seriously affected by the different climatic conditions. Will outyield timothy and will thrive in soils where the latter fails. Not only does it produce an abundance of hay, but will give an excellent pasturage after it has been cut. In many cases it will produce two crops a season, whereas from timothy alone you can cut but one. If your fields are old and worn out, it will pay you to plow up and seed again, when you will soon be cutting heavy crops from **Holmes' Permanent Pasture Mixture**. Sow 3 to 4 bushels to the acre, or half this amount in established pasture. In ordering, state whether for light or heavy soil. Should you desire a **Special Mixture** for renewing old pasture, etc., write us and we will give information. Lb. 25 cts., by mail 35 cts.; bus. of 15 lbs. \$3, 5 bus. \$13.75, 10 bus. \$26, 25 bus. \$62.50, 50 bus. \$120.

Holmes' Vegetable Plants and Roots

We make a specialty of growing and supplying market-gardeners and private gardens with the very best, strong, well-rooted, transplanted vegetable plants in any quantity. While we grow enormous quantities of all varieties, the demand for our plants is always greater than our supply. For this reason we advise you to order as early as possible. To the dozen prices add 6 cts., if wanted by mail. We ship plants by express, securely packed in moist moss, express charges to be paid by the purchaser. The price per 1,000 means by express, charges to be paid by purchaser.

ASPARAGUS ROOTS. See Asparagus, page 4.

CABBAGE, Jersey Wakefield.....

Early Winnigstadt.....

Early Flat Dutch.....

Holmes' Early.....

Late Flat Dutch.....

Holmes-Houser (set plants 2 weeks earlier than other late varieties).....

CAULIFLOWER, Holmes' Improved Early Snowball. Ready April 1.....

CHIVES, per clump, 15 cts., by mail 25 cts.....

CELERY, Holmes' Selected White Plume. Ready July 1.....

Improved Golden Self-blanching.....

Winter Queen.....

Giant Pascal.....

New Columbia.....

EGGPLANT, Black Beauty. Ready May 15.....

New York Improved Purple.....

HORSE-RADISH ROOTS.....

PARSLEY, Double Curled.....

PEPPER, Chinese Giant, Bell or Bull Nose, Ruby King. Ready May 15.....

RHUBARB ROOTS. Victoria (Large red).....

SWEET POTATO PLANTS. (Yellow, ready in May).....

TOMATO, New Stone. Ready in April.....

Earliana.....

Matchless.....

Ponderosa.....

Dwarf Champion.....

Golden Queen (Yellow).....

Yellow Plum.....

	TRANSPLANTED		FROM SEED-BED	
	By mail	By express, per doz.	By mail	By express, per doz.
	add 6c.	add 15c.	add 15c.	add 15c.
	per doz.	per 100	per doz.	per 100
	\$0 15	\$0 75	\$0 45	\$3 50
	15	75	45	3 50
	15	75	45	3 50
	15	75	50	3 50
	15	75	40	3 00
	15	85	50	3 50
	25	1 25	1 00	8 00
	15	75	45	3 00
	15	75	45	3 00
	15	75	45	3 00
	15	75	45	3 00
	15	75	45	3 00
	30	1 50	1 25	7 00
	30	1 50	1 25	7 00
	15	50	50	4 00
	15	1 00	75	4 50
	25	1 50	1 25	7 50
	75	5 00	40 00	
	10	30	2 00	
	20	1 00	75	4 00
	20	1 00	75	4 00
	20	1 00	75	4 00
	20	1 00	75	4 00
	20	1 00	75	4 00
	20	1 00	75	4 00
	20	1 00	75	4 00

SPECIAL.—Transplanted Early Cabbage. \$5 per 1,000.

FOR FLOWERING AND BEDDING PLANTS SEE PAGES 57 TO 59

Holmes' Seeds Best—Why?

The seeds offered by Holmes Seed Company are nearly always superior to almost all others that can be had. They are the very best the soil can grow—not only in Pennsylvania or in America, but in Europe or anywhere in the world. Experience and accurate knowledge enable us to know what is good, and we choose with the greatest care every bit of seed we sell, and bring it from wherever it is grown, no matter what the distance.

ARTICHOKE

Artischoke Articiocca
Karczocky

CULTURE.—May be grown from seed sown in April, or from suckers taken from established plants. The seed can be sown in beds and the plants transplanted to rows 4 feet apart, 18 inches between. Three ounces of seed will sow 100 yards of row.

LARGE GREEN GLOBE. Grown chiefly for unripe flower Pkt. Oz. ¼lb.
heads; delicious.....\$0 05 \$0 25 \$0 85

ASPARAGUS

Spargel Sparagio
Szparagi

CULTURE.—Sow in March or April, in rows 1 foot apart. When two years old transplant into permanent beds. Set the plants in rows from 3 to 4 feet apart and 2 feet in the row, and cover gradually during the season to 6 or 8 inches. On approach of winter cover with manure or straw. One ounce will sow 40 feet of drill.

	Valuable for market; stalks large, Pkt.	BY MAIL, POSTPAID			
		Oz.	¼lb.	Lb.	
Barr's Mammoth. tender, light. See illustration.....		\$0 05	\$0 10	\$0 20	\$0 75
COLUMBIAN MAMMOTH WHITE. New variety; valuable for its whiteness.....	05	10	25		85
CONOVER'S COLOSSAL. Mammoth; green; of largest size; extra good.....	05	10	20		75
Giant Argenteuil. Early; large; good; flavor superb; white.....	10	15	35	1 00	
PALMETTO. Thick, dark green shoots; early; uniform; disease-resisting.....	05	10	25		85

Asparagus Roots

	100	BY EXP. OR FRT. NOT PREPAID		
		500	1,000	
BARR'S MAMMOTH, and COLUMBIAN MAMMOTH WHITE.	\$1 00	\$3 00	\$5 50	
CONOVER'S COLOSSAL. Old and well-known variety....	75	2 75	5 00	
GIANT ARGENTEUIL. Extra good; large.....	1 25	3 50	6 50	
PALMETTO, or ECLIPSE. Early, prolific.....	1 25	3 50	6 50	

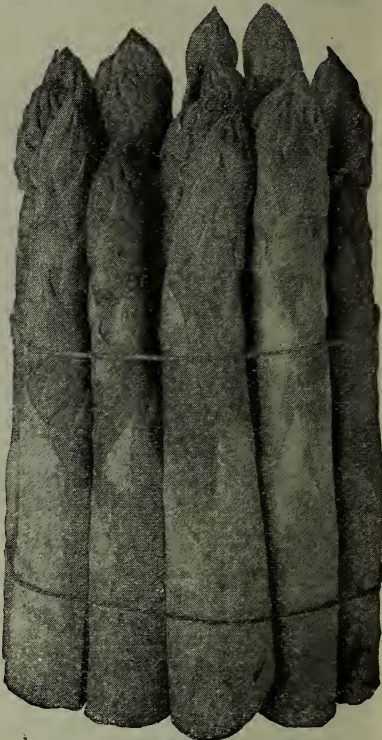
BEANS

Bohnen Fagioli
Fasola

CULTURE.—About the first of May sow in rows 2 inches deep and 18 inches to 2 feet apart; beans 3 inches apart. Sow every two weeks for a succession until September. One quart to 100 feet of drill. One and a half bushels per acre.



Keeney's Stringless Green Refugee Beans



Barr's Mammoth Asparagus

We put up liberal-sized packets at 10 cts., postpaid

Keeney's Stringless Green Refugee

The old Refugee Bean is one of the best-known varieties, but the great trouble has been that it had a string when broken. This new stringless sort is a triumph of careful selection and crossing, as it shows the same handsome pod as the old Bean, but without strings. See illustration. Pkt. 10 cts., pt. 25 cts., qt. 40 cts., by mail, postpaid. By express, not prepaid, qt. 25 cts., 4 qts. \$1.

Full Measure

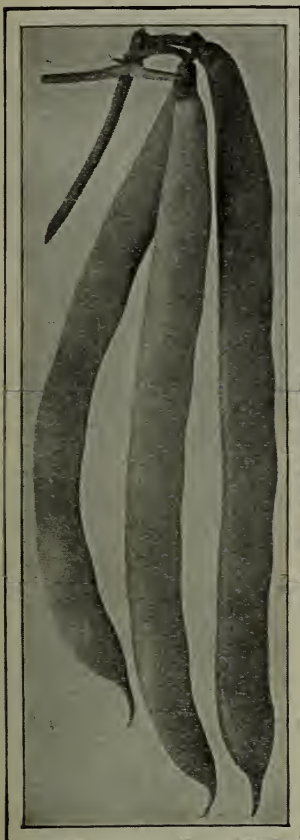
A New, Round, Green-podded Bush Bean

The result of a cross between Yosemite Mammoth Wax and Refugee, or 1,000 to 1, and inherits the good qualities of both. It is a thoroughly bred stringless variety of excellent quality. Pods are 5 inches long, round, firm but tender, very meaty; and remain fit for use many days after maturity. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., by mail, postpaid. By express, not prepaid, qt. 25 cts., 4 qts. \$1.

Earliest Red Valentine

American Standard Green-podded Dwarf Snap Bean Ready for picking 45 days from planting. Yields prodigiously. Full, round, meaty pods of unsurpassed tenderness and quality

This grand variety is a great improvement over the original Red Valentine, which it has now entirely supplanted, and is often ready to pick in 45 days from planting. Pkt. 10 cts., pt. 25 cts., qt. 40 cts., postpaid. By exp. or frt., not prepaid, qt. 25 cts., 4 qts. \$1.



Field of Giant Green-Pod Valentine Bean. Pods at left shown $\frac{1}{2}$ natural size

Giant Green-Pod Stringless Valentine Bean

An Extra-Early Green-podded Bush Bean of fine quality. Remarkably early; exceedingly prolific. Ready for market in 45 days

One of the best green-podded Beans in the entire list, either for the home-garden or for market. It is very early, exceedingly prolific, with pods fully one-third longer than the old standard Red Valentine. The pods are round and handsome and without any string. See illustration. Pkt. 10 cts., pt. 25 cts., qt. 40 cts., postpaid. By express or freight, not prepaid, qt. 25 cts., 4 qts. \$1.

Bountiful Bush. The first in the spring; last until fall; absolutely stringless

This is a flat-podded green Bean; enormously prolific and continuous bearer; early and late; absolutely stringless, very tender and excellent flavor. Pkt. 10c., pt. 25c., qt. 40c., postpaid. By express or freight, not prepaid, qt. 25c., 4 qts. \$1.

Stringless Green-Pod

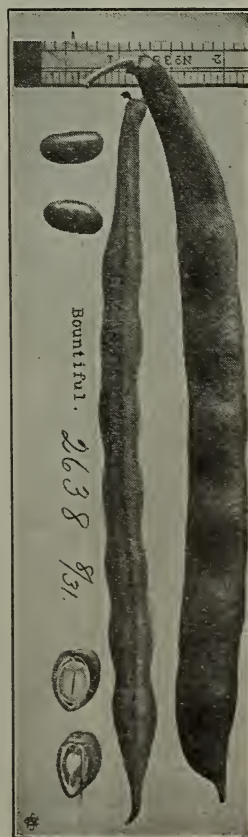
Absolutely stringless; of fine flavor; the earliest green-podded Bean. Without any exception it surpasses all others in crispness and tenderness. The pods are absolutely stringless, and ready to market two weeks earlier than the best stock of other early Red Valentines. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., by mail, postpaid. By express or freight, not prepaid, qt. 25 cts., 4 qts. \$1.

Black Valentine

Very popular in the South for shipping to market, being a very vigorous, strong grower, making a long, handsome Bean, very meaty and one of the best and most prolific market sorts. See illustration. Pkt. 10 cts., pt. 25 cts., qt. 40 cts., postpaid. By express or freight, not prepaid, qt. 25 cts., 4 qts. \$1.

DWARF GREEN-PODDED SNAP-SHORT BEANS

	BY MAIL		BY EXP. OR FRT.	
	POSTPAID		NOT PREPAID	
	Pt.	Qt.	Qt.	4 qts.
BEST OF ALL. Round, long, glossy green, fleshy pods.....	\$0 20	\$0 30	\$0 25	\$1 00
Dwarf Horticultural. An excellent green-podded sort	25	35	25	1 00
EARLY CHINA RED EYE. Very early, old standard sort.....	20	30	25	1 00
EARLY MOHAWK. Very early and hardy; long, flat, straight pods.	20	30	25	1 00
LARGE WHITE MARROWFAT. For winter use.....	20	30	25	1 00
Longfellow. Perfectly round; early; prolific; pods solid, fleshy	25	35	25	1 00
LONG YELLOW SIX WEEKS. Early, with full, flat green pods..	20	30	25	1 00
LOW'S CHAMPION BUSH. Exceedingly fine; prolific.....	20	30	25	1 00
New Hodson Green-Pod. Long, straight, round, green pods..	25	35	25	1 00
RED KIDNEY	20	30	25	1 00
Refugee, or 1,000-to-1. Late; hardy; very productive.....	20	30	25	1 00
REFUGEE EXTRA-EARLY. Very prolific; exceptionally free from strings.....	20	30	25	1 00
ROUND YELLOW SIX WEEKS. Very prolific; semi-round pods.	20	30	25	1 00
Tennessee Green-Pod. Excellent shipper; medium to late; flat pods..	25	35	25	1 00
WHITE KIDNEY. Medium-size pods; coarse; dark green; late....	20	30	25	1 00
WHITE NAVY. Sure cropper; prolific; good quality; early.....	20	30	25	1 00



Bountiful Bush Beans



New Round-Pod Kidney Wax Bean

The Meatiest, Crispest, Most Brittle and Entirely Stringless Bean Grown

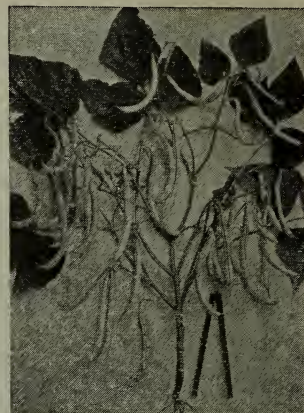
Our customers have frequently asked for a round-podded Wax Bean possessing the excellent market and shipping qualities of the popular Wardwell's Kidney Wax, and this is the first Bean we have ever discovered that will fill the bill. The plant grows tall, strong and sturdy, with long, round, handsome, stringless pods of large size, very solid and full of meat, crisp, brittle and free from rust; wonderfully early and productive. See illustration. **Pkt. 10 cts., pt. 25 cts., qt. 45 cts., by mail, postpaid. By freight or express, not prepaid, qt. 25 cts., 4 qts. \$1.**

Sure-Crop Stringless Wax

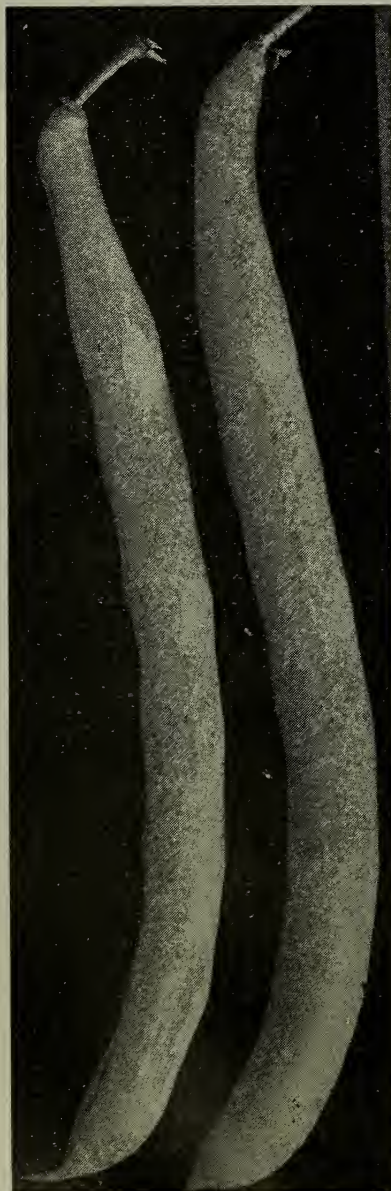
A dwarf-growing variety; strong, vigorous vines producing early, rich yellow pods of extra size, measuring 7 to 7½ inches long, more than ½ inch wide, nearly ½ inch thick, and of excellent quality. But this is not all. It is one of the most prolific Bush Beans known to the trade, and its bountiful crop of splendid Beans sells at sight. See illustration. **Pkt. 10 cts., pt. 35 cts., qt. 50 cts., postpaid. By express, not prepaid, pt. 25 cts., qt. 40 cts., 4 qts. \$1.25.**

Michigan White Wax

This splendid variety may be briefly described as a white-seeded Golden Wax. It is one of the earliest Bush or Snap Beans. The vines are very vigorous and unusually productive. The pods are golden yellow, fully as attractive as the well-known Golden Wax and of the same exceptionally fine quality. The seed is white, a most valuable feature, as the dried white Beans always have a market. **Pkt. 10 cts., pt. 30 cts., postpaid. By express, not prepaid, qt. 35 cts., 4 qts. \$1.**



Sure-Crop Stringless Wax Beans



Average Pod of New Round-Pod Kidney Wax Bean

DWARF WAX-PODDED SNAP-SHORT BEANS

	BY MAIL		BY EXP. OR FRT.	
	POSTPAID	NOT PREPAID	Qt.	4 qts.
BRITTLE WAX. Entirely stringless; long and meaty.....	\$0 25	\$0 40	\$0 25	\$1 00
Currie's Rust-Proof Wax.				
Crisp; tender; no stringiness; delicious flavor.....	25	35	25	1 00
Davis' White Wax. Immensely productive; pods tough, with decided strings. Dry white seed. Desirable as a shell Bean.....	25	35	25	1 00
GOLDEN-EYED WAX. Early, hardy, prolific; popular market sort.....	20	30	25	1 00
HODSON WAX. Sturdy grower; productive; a market Bean.....	25	35	25	1 00
Holmes' Improved Silver.				
Pods silver-white; crisp; tender.....	25	35	25	1 00
IMPROVED RUST-PROOF GOLDEN WAX. Improved strain.....	25	35	25	1 00
Improved Stringless Refugee Wax. Very productive; golden yellow pods; solid; brittle; stringless; quite early.....	25	35	25	1 00
Pencil-Pod Black Wax. Pods long, pencil-like, tender and brittle.....	25	40	25	1 00
PERFECTION WAX. Large, handsome pods; very showy.....	25	35	25	1 00
PROLIFIC GERMAN BLACK WAX. Early; round, stringless; black seed.....	25	35	25	1 00
SADDLEBACK WAX. Entirely stringless; of fine quality.....	25	40	25	1 00
Stringless White Wax. Straight wax pods; meaty; entirely stringless. Most desirable as shell Beans.....	25	40	25	1 00
VALENTINE WAX. Perfect Valentine Bean with wax pod.....	25	35	25	1 00
WARDWELL'S KIDNEY WAX. One of the best large-podded varieties.....	25	35	25	1 00

Holmes' Improved Striped Sickle Bean

The Very Best Corn Bean. The Original Strain

This is, without doubt, the best green-podded Pole Bean for snap-shorts. As a corn Bean it has no equal; the pods are produced in large clusters in great abundance and over 6 to 7 inches in length. Dark green; roundish flat, very thick and fleshy; brittleness retained until fully developed; of unusually rich flavor. The dry Beans are light brown, striped with black; excellent for winter use. **Pt. 30 cts., qt. 50c., postpaid. By express or freight, not prepaid, qt. 40c., 4 qts. \$1.50.**

MILLER BROS., Elmira, N. Y., write: "In reply to your inquiry concerning your garden seeds, we will say that we have bought almost exclusively from you for the past eight or nine years, and expect to continue to buy from you. That ought to be the best evidence that your seeds have given satisfaction."

LIMA BEANS

CULTURE.—All Lima Beans are very susceptible to rotting in cold, wet ground, and should not be planted until warm weather fairly sets in. One quart of Lima Beans will plant about 100 hills, allowing four to five Beans to a hill; twenty quarts will plant an acre in hills 4 by 4 feet. Poles 8 to 10 feet long should be firmly set in the hill before planting the seed. Poles should be set 4 feet apart each way.

DWARF BUSH LIMA BEANS

Fordhook Bush Lima

Fordhook Bush Lima has an ideal bush growth, and bears tremendous crops. The Beans are ready for use fully three weeks earlier than any other of the Pole Lima varieties. The plump, well-filled pods are twice as large as those of the Dreer's Bush, while the Beans are also twice the size, pods measuring 4 to 5 inches, containing four to five large Beans. See illustration. **Pkt. 10 cts., pt. 30 cts., qt. 50 cts., by mail, postpaid. By express or freight, not prepaid, pt. 25 cts., qt. 40 cts., 4 qts. \$1.50. Crop short.**

Burpee's Improved Bush. Enormous pods, borne abundantly, well filled and very early. These are the largest pods of any of the Bush Lima Beans; vigorous bush with heavy foliage; plants uniformly upright. Pods 5 to 6 by 1 1/4 inches. **Pkt. 10 cts., pt. 30c., qt. 50 cts., by mail, postpaid. By express or freight, not prepaid, pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.25.**

Burpee's Bush Lima. Bushes 18 to 20 inches; immense yielder. **Pt. 25 cts., qt. 40 cts., by mail, postpaid. By express or freight, not prepaid, qt. 25 cts., pk. \$1.75.**

DREER'S BUSH LIMA. Bush form of pole sort of same name. **Pt. 25 cts., qt. 40 cts., by mail, postpaid. By express or freight, not prepaid, qt. 25 cts., pk. \$1.75.**

HENDERSON'S BUSH LIMA. True bush variety, 18 to 20 inches high; early. **Pt. 25 cts., qt. 40 cts., by mail, postpaid. By express or freight, not prepaid, qt. 25c., pk. \$1.75.**

POLE LIMA BEANS

Holmes' Green Prolific Pole Lima. Grows green, keeps green, and the only Lima Bean that is absolutely green when dried. Equals Early Jersey for earliness, and is more productive than any other Pole Lima we have ever seen. See illustration. **Pt. 30 cts., qt. 45 cts., by mail, postpaid. By express or freight, not prepaid, qt. 30 cts., pk. \$2.**

Carpinteria Lima. Beans largest size and much thicker than old type. Extra-fine quality. **Pt. 25 cts., qt. 40 cts., by mail, postpaid. By express or freight, not prepaid, qt. 30 cts., pk. \$2.**

DREER'S IMPROVED LIMA. A thick, almost round Bean; fine quality. **Pt. 25 cts., qt. 35 cts., by mail, postpaid. By express or freight, not prepaid, qt. 25 cts., pk. \$1.75.**

EXTRA-EARLY JERSEY LIMA. Much earlier than Large White Lima. **Pt. 25 cts., qt. 35 cts., by mail, postpaid. By express or freight, not prepaid, qt. 25 cts., pk. \$1.75.**

KING OF THE GARDEN LIMA. Very prolific and heavy bearer. **Pt. 25 cts., qt. 35 cts., by mail, postpaid. By express or freight, not prepaid, qt. 25 cts., pk. \$1.50.**

LARGE WHITE LIMA. The old favorite. **Pt. 25 cts., qt. 35 cts., by mail, postpaid. By express or freight, not prepaid, qt. 25 cts., pk. \$1.50.**

SMALL WHITE, or CAROLINA SIEVA. A small seedling variety. **Pt. 25 cts., qt. 35c., by mail, postpaid. By express or freight, not prepaid, qt. 25 cts., pk. \$1.50.**

Fordhook Bush Lima

Trucker's Delight Extra-Early Lima. The green are of immense size, tender and succulent. **Pt. 25 cts., qt. 40 cts., postpaid. By express or freight, not prepaid, qt. 25 cts., pk. \$1.75.**

WAX-PODDED POLE, or RUNNING

CULTURE.—After settled warm weather, set 4- to 8-foot poles in rows 4 feet apart, the poles being 3 feet apart in the row. Around each hill plant five to eight Beans 2 inches deep; thin to four plants. One quart to 150 hills; 12 to 15 quarts to acre.

	BY MAIL		BY EXP. OR FRT.	
	Early, thick,	POSTPAID, Qt.	NOT PREPAID, Qt.	Pk.
flat pods; prolific.....	\$0 30	\$0 45	\$0 30	\$2 00
GOLDEN BUTTER WAX. An excellent sort.....	30	45	30	2 00

Kentucky Wonder Wax. New. Fleshy and quite as stringless as snaps; golden yellow..... **30 45 35 2 00**

GREEN-PODDED POLE, or RUNNING

	Pt.	Qt.	Qt.	Pk.
GOLDEN CARMINE-PODDED HORTICULTURAL. Early; stringless.....	\$0 25	\$0 35	\$0 25	\$1 75
HORTICULTURAL, or WREN'S EGG. Best for corn Beans.	25	35	25	1 50

Lazy Wife. Pods dark green; fleshy; entirely stringless; rich flavor..... **30 40 30 1 75**

Old Homestead (Kentucky Wonder). Crisp, early and prolific..... **30 40 30 1 60**

RED SPECKLED CUT-SHORT, or CORN HILL. Old variety; popular..... **25 35 25 1 35**

SOUTHERN PROLIFIC. Continuous bearer..... **25 35 25 1 35**

White Creaseback Pole. Earliest snap-shorts; very productive; entirely stringless..... **30 40 30 1 50**

WHITE DUTCH CASE-KNIFE. Flat pods..... **25 35 25 1 35**



HOLMES' GREEN PROLIFIC
GROWS GREEN
DRIES GREEN
STAYS GREEN



BEETS Rübe Barbabietola Buraki

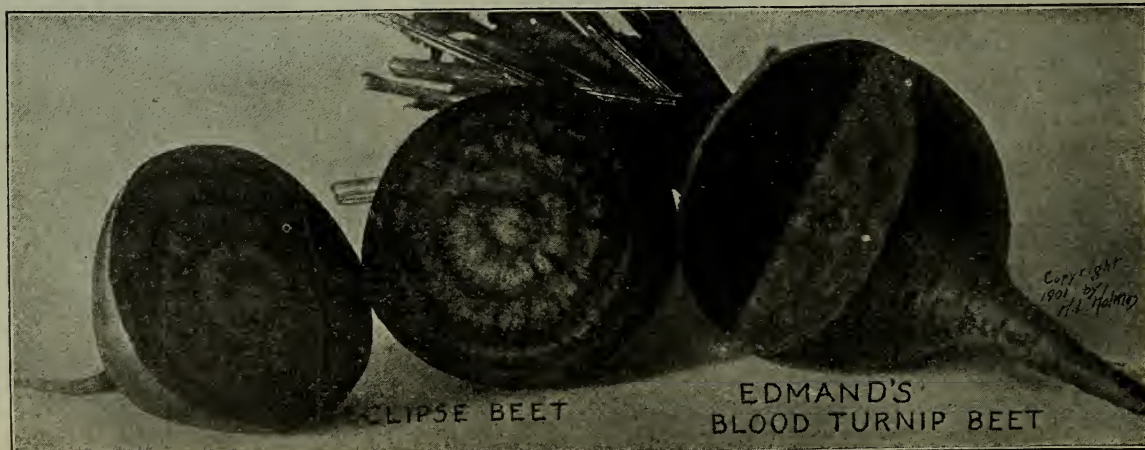
CULTURE.—The soil should be rather light and thoroughly enriched with manure. Sow in spring as soon as the ground becomes fit, in rows about 1 foot apart and 2 inches deep. For main crop sow first week in May; for winter, sow in June. Thin to 5 or 6 inches. One ounce to 50 feet of drill. Sow five pounds to the acre. Our selected stock of Beets is uniform and of fine quality. French-grown Beet seed is far superior to that grown in America, producing Beets uniform in every respect. Ours is French.

FIVE BEST BEETS FOR MARKET-GARDENERS

		BY MAIL, POSTPAID			
		Pkt.	Oz.	¼lb.	Lb.
Harrisburg Market Blood Turnip.	Single taproot; smooth skin; rich, tender flesh. Earliest; handsomest.	\$0 05	\$0 15	\$0 50	\$1 75
Holmes.	Extremely early; perfect globe shape; tender, blood-red flesh of finest quality. Sells at Sight. See illustration, next page.	10	15	50	1 75
Holmes' Deep Blood Turnip.	Early; deep blood-color; small tops. See illustration above.	05	15	50	1 50
Holmes' Early Surprise.	Extra-early Blood Turnip Beet; rich blood-red; fine grain and delicious flavor. See illustration above.	05	15	50	1 50
Holmes' Special Half-Long.	New. Darkest half-long, blood-red Beet grown. Sweet; tender; excellent keeper....	10	15	50	1 75

GENERAL LIST OF GARDEN BEETS

		BY MAIL, POSTPAID			
		Pkt.	Oz.	¼lb.	Lb.
Bastian's Blood Turnip.	Second-early, following Egyptian and Eclipse.	\$0 05	\$0 10	\$0 35	\$1 00
CRIMSON GLOBE.	Early; medium size; tender and sweet; good keeper.	05	15	50	1 75
CROSBY'S EGYPTIAN.	One of the best for early planting; excellent sort.	05	15	50	1 75
Dark Stinson.	Flesh fine-grained, and dark red in color.	05	10	35	1 25
Dewing's Improved Blood Turnip.	Flesh strongly zoned; fine quality.	05	10	35	1 25
DETROIT DARK RED.	Valuable strain of turnip-shaped Beet; medium size.	05	15	50	1 75
Early Blood Turnip.	Follows Eclipse in earliness; quality excellent.	05	10	35	1 25
EARLY ECLIPSE.	Roots nearly globular; very sweet, crisp and tender. See illustration below.	05	10	35	1 25
EDMAND'S EARLY BLOOD TURNIP.	Roots dark red, crisp, tender and sweet. See illus.	05	10	35	1 25
Egyptian.	Extra early; roots round and flattened, good size.	05	10	35	1 25
Ford's Perfected Half-Long.	Roots remarkably uniform; very deep red.	05	10	35	1 25
Lentz.	Leaves and roots pale in color; delicious quality.	05	10	35	1 25
Long Smooth Blood-Red.	Excellent late variety, intense dark red.	05	10	35	1 25
MODEL.	Very early; blood-red; sweet and tender; small.	10	15	50	1 75
New Columbia.	Roots large; of fine quality.	05	10	35	1 25
Swiss Chard, or Spinach Beet.	Leaf-stalks are used like asparagus.	05	10	35	1 25





MANGEL-WURZELS and SUGAR BEETS Futter Rüben

CULTURE.—Sow in rows 2 feet apart, 2 inches between seeds, thinning later to 12 to 15 inches. For stock feeding. Long varieties do best in deep soil; round sorts in sandy soil. Five or six pounds will sow an acre.

BY MAIL, POSTPAID
Oz. Lb.

GOLDEN GIANT INTERMEDIATE. Keeps well; grows more than half above ground. \$0 10 \$0 60

Golden Tankard. Distinct; highly prized by dairymen 10 60

LANE'S IMPERIAL SUGAR BEET. American sort; productive 10 60

Mammoth Prize Long Red. Enormously productive 10 60

VILMORIN IMPROVED SUGAR. Not so large as others, but has as much sugar 10 60

BROCCOLI Spargelkohl Brocoli Brokuly

CULTURE.—Same as cauliflower. One ounce will sow a bed 40 feet square.

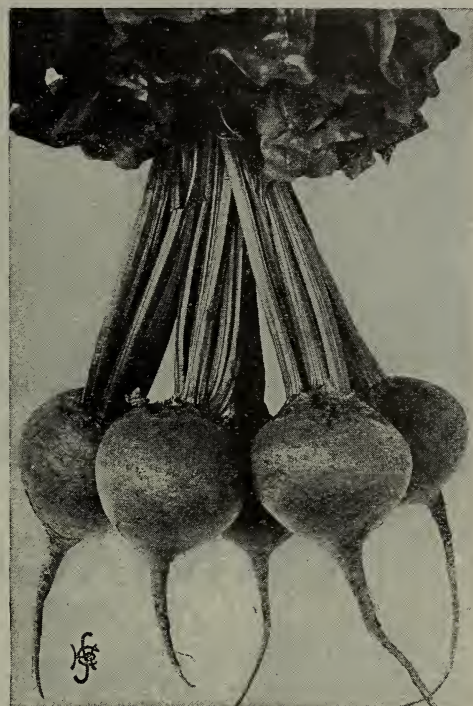
EARLY PURPLE CAPE. Heads of medium size, compact, brownish purple. Pkt. 5 cts., oz. 35 cts., ¼lb. \$1, lb. \$3.75.

BRUSSELS SPROUTS

Rosenkohl Cavolo di Brusseles
Latorvil

CULTURE.—The seed should be sown in April or May, and the plants cultivated like cabbage; the heads are improved by frost. An ounce will produce 2,000 plants.

PARIS MARKET. Dwarf; small, solid, tender heads, close along stem. See illustration. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50.



Holmes' Beets (see page 8)

CAULIFLOWER

Blumenkohl Cavolo fiore
Kalafiori

CULTURE.—For spring and early summer crop sow in March or early in April in hotbed; transplant to coldframe when sufficiently large, and to open ground as soon as danger of frost is over. For late crop sow at the same time as for late cabbage. One ounce of seed will produce 1,000 plants.

Dry Weather Cauliflower

Reaches Perfection when Ordinary Sorts Fail

This new strain originated in Denmark, but has been fully tested in America with the most happy results. We offered it in 1907 for the first time, and are well satisfied with its behavior. It produces a large, solid, pure white head, maturing a little later than Snowball. It is in all respects a first-class Cauliflower, but is especially and peculiarly adapted to dry situations and to resisting the effects of droughts. It will not thrive in poor soil or under bad treatment, as, like all other Cauliflowers, it requires manure and culture; but it will succeed with less rainfall than any other variety within our knowledge. It will also do well in moist or wet seasons, making heads equal to the best; but it is in dry seasons that its merits appear to best advantage, and we are confident that it will extend the culture of this delicious vegetable into locations in which it is practically unknown. See illustration. Pkt. 20 cts., ¼oz. 85 cts., oz. \$3, ¼lb. \$8, lb. \$30.

EXTRA-EARLY DWARF ERFURT. Good-sized heads; fine for open Pkt. Oz. ¼lb. ground fall crop \$0 15 \$2 50 \$7 00

Holmes' Improved Early Snowball. A grand Cauliflower. For forcing, coldframe, or open ground. See illustration. Pkt. 20 cts., oz. \$3, ¼lb. \$8, by mail, postpaid.

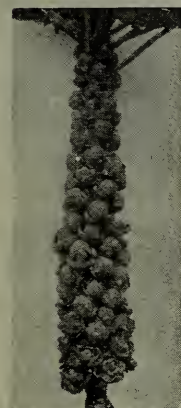
VEITCH'S AUTUMN GIANT. A large-growing, late variety; splendid white heads. Pkt. 5 cts., oz. 60 cts., ¼lb. \$2 by mail, postpaid.

C. SHOLDER & SON, Williamsport, Pa., write: "Enclosed please find our sixteenth yearly order for Holmes' seeds, which are the best that money can buy."

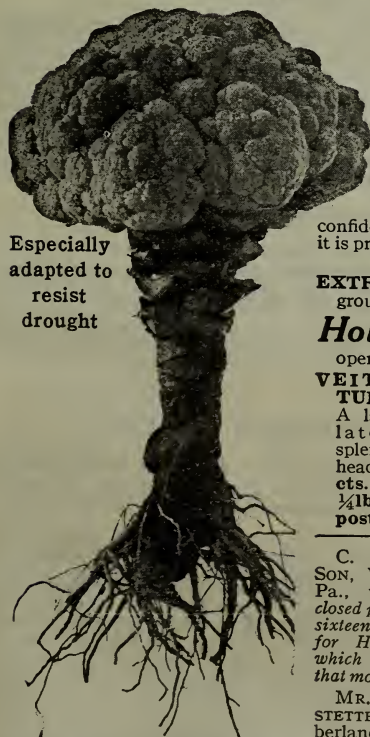
MR. U. G. KERSTETTER, Northumberland, Pa., writes: "All seeds I purchased of you this past year were very good."



Holmes' Improved Early Snowball Cauliflower



Brussels Sprouts



Especially adapted to resist drought

Danish Giant, or Dry Weather Cauliflower



Copenhagen Market Cabbage. The Best Early Cabbage from Denmark

CABBAGE PURE AMERICAN-GROWN TESTED SEED

Kopfkohl Cavolo cappuccio Kopusta

For years we have given the selection of Cabbage seed particular attention. We have selected only such varieties as are certain to be of great value to all growers. Our seed is from stocks carefully selected and tested on Long Island.

CULTURE.—Sow in hotbeds in February, or still better, from September 10 to 20 and winter the plants over in a coldframe. Transplant March 15 to April 15 about 20 inches apart, in rows 2 feet apart. For second-early crop, sow seeds of early kinds early in April and plant out in May. For a late crop, sow early in May and plant out in July; the plants 2 feet apart in rows 3 feet apart. One ounce will produce 1,500 to 2,000 plants.

TWO FAMOUS CABBAGES OF GREAT MERIT

The Holmes-Houser, or "H-H" Cabbage

Noted for its Fine Grain, Smallness of Heart and Keeping Qualities

MARKET-GARDENERS' IDEAL. A CABBAGE WHICH HAS WEIGHT AND SIZE

Introduced by Holmes Seed Co. thirteen years ago, and has grown into popular favor. No other late variety can approach it in quality, size, productiveness, smallness of heart and good keeping qualities. Our original stock produced heads exactly like the illustration, and it is remarkable what enormous crops are produced from this variety. To keep the seed pure and selection perfect, we entered into a contract several years ago with Mr. Houser to supply us with one pound of seed of his own selection at a cost of \$50. This seed is then sent to Long Island to one of the best Cabbage-growers, where it undergoes a second selection. Our agreement with the grower is that we take the entire crop, and not a single ounce of this seed is to go to any other seedsmen. Consequently, **the pure and genuine stock can only be had direct from us**, or from some of our regular wholesale dealers to whom we sell the seed. See illustration.

To protect the public this year from unscrupulous dealers who claim to have the originator's stock, we will sell this seed only in sealed packages. **Look for the seal on every package, and make your dealer show you our seal with our name on it.**

A WARNING. It is absolutely necessary to plant out the **Holmes-Houser** Cabbage two weeks earlier than any other late sort, as it requires this much longer to mature than the Flat Dutch types or any other late variety.

Prices of Holmes-Houser Cabbage, Originator's Stock, in Sealed Packages only: Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.50, lb. \$5, by mail, postpaid. Crop short.

The crop of Cabbage this year was very short owing to the climatic conditions. We would warn you against seed offered as Holmes-Houser by many unscrupulous dealers.

Copenhagen Market

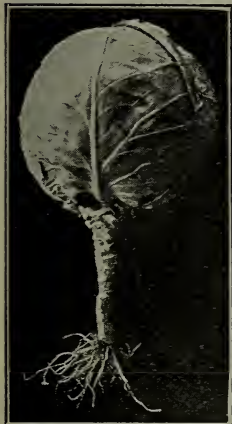
Offered for the First Time in 1911. It Proved to be the Best Early Cabbage From Denmark. Remember, as Early as the Charleston Wakefield

A valuable new, early Cabbage, producing round, hard heads very early in the season. As early as the Charleston Wakefield. It is the most popular early Cabbage in the markets of Copenhagen. Market-gardeners here who tried it for the first time last season are simply crazy about it on account of its extreme earliness and solid, ten-pound heads, with a small core and always of excellent quality. The plants are short-stemmed, producing heads almost on the ground. The light green leaves are medium in size, saucer shaped, and are always tightly folded; the plants may therefore be set closer than most other early varieties. It is a vigorous grower and yielder, as are all Cabbages from Denmark, and an excellent keeper. Our stock of Copenhagen Market comes to us direct from the originator. See cut. **Pkt. 10 cts., oz. 40c., ¼lb. \$1.50, lb. \$5.**



CABBAGE, continued

Holmes' Early. The Largest Early Round-headed Cabbage. Five years ago, as "No. 138," we sent out samples of this new Cabbage. Before listing it, we desired to get the sentiment of practical growers, and test it out in every particular as to solidity, season, growth, ability to withstand dry weather and hot sun, to do well in all soils in all parts of the country. It has been all we hoped it would be; in fact, from our own tests, and from reports received, it has far exceeded expectations. This new Cabbage combines two good qualities—large size and very early season. The heads are large, globe-shaped, almost as solid as the Holmes-Houser, finely ribbed, and of a yellowish green. The plants produce very few outer leaves. The great weight of the heads, for an early variety, will make it one of the most desirable sorts for the market-gardener. Shipping long distances can be done with a less percentage of freight-cost, as the weight is in small bulk. Resists blight and drought. See illustration. **Pkt. 10 cts., oz. 30 cts., ¼lb. \$1, lb. \$3.**

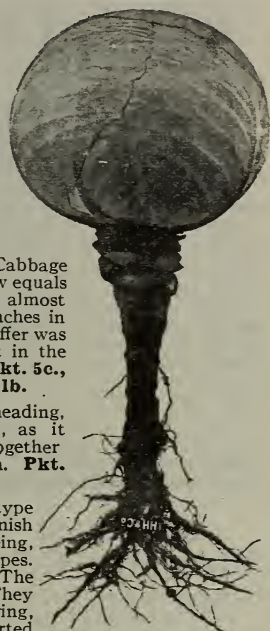


Holmes' Early Cabbage

Danish Ballhead, or Hollander. This Cabbage has few equals for winter use. It is highly prized in Denmark, and is grown there almost exclusively for winter Cabbage. The heads are round, 8 to 10 inches in diameter, and very solid, with few outer leaves. The seed we offer was grown by the originator in Denmark. Has the greatest weight in the smallest space. The quality is second to none. See illustration. **Pkt. 5c., oz. 25 cts., ¼lb. 75 cts., lb. \$2.50, 5 lbs. and over at \$2.25 per lb.**

Danish Red Stonehead. Vigorous, hardy, sure-heading, large and heavy, and, as it has a neat habit, requires small space and can be planted close together. The heads are solid, well shaped and of a dark red clear through. **Pkt. 10 cts., oz. 35 cts., ¼lb. \$1.25, lb. \$4.50.**

Danish Roundhead. An earlier, shorter-stemmed type of the Danish Ballhead. Danish Roundhead, with less outer foliage, is better able to resist blight, being, in most sections, as vigorous in growth as the best American types. The heads average larger and mature nearly two weeks earlier. The heads are unusually solid, and beautifully white when trimmed. They are splendid keepers when stored away for the late winter and spring, at which time the fine heads bring the highest market price. Imported direct from Denmark. **Pkt. 10 cts., oz. 30 cts., ¼lb. 85 cts., lb. \$2.75, 5-lb. lots at \$2.50 per lb.**



Danish Ballhead

GENERAL LIST OF EXTRA-EARLY CABBAGE

	Pkt.	Oz.	¼lb.	Lb.
ALLHEAD EARLY. Flat heads, coming in with Early Summer; much larger.....	\$0 05	\$0 20	\$0 75	\$2 25
Early Charleston Wakefield. Largest early Cabbage, which was bred from the Early Jersey Wakefield.....	05	20	60	2 00
EARLY FLAT DUTCH. Sure header, head weighing from 10 to 12 pounds.....	05	20	60	2 00
Early Jersey Wakefield. Holmes' Special Strain. Pyramidal heads with blunt peaks; remarkably solid.....	05	25	75	2 50
EARLY SPRING. New. Earliest, round, flat-headed; quality unexcelled.....	10	30	1 00	3 25
Early Winnigstadt. Medium early; large, pyramidal heads; excellent.....	05	20	60	1 75
EARLY YORK. Very early, producing small, oval-shaped heads.....	05	15	60	1 75
EXTRA-EARLY EXPRESS. Earliest of French Cabbage; small, pointed head.....	05	15	60	1 75

SECOND-EARLY, or SUMMER CABBAGE

All Seasons (Vandergaw). One of the finest.....	05	20	75	2 00
EARLY SUMMER. Large, solid heads; about ten days later than Wakefield.....	05	20	75	2 00
FOTTLER'S IMPROVED BRUNSWICK. Heads large, flat, solid; sure-header.....	05	20	75	2 00
Glory of Enkhuizen. Round; early; extra fine; good size.....	05	25	75	2 50
LIMITED MAIL. Superb second-early; hard, pointed heads; good size.....	05	20	75	2 25
STEIN EARLY FLAT DUTCH. Excellent for winter use.....	05	20	75	2 00
SUCCESSION, HENDERSON'S. Conceded to be the grandest Cabbage in existence for either summer or winter use.....	05	20	75	2 00

LATE, or WINTER CABBAGE

AUTUMN KING, HENDERSON'S. Enormous, solid heads; interior crisp, fine-grained, white.	05	25	85	2 50
Holmes' Perfection Late Flat Dutch. Our improved strain of this will be found very superior.	05	20	75	2 00
PERFECTION DRUMHEAD SAVOY. Largest heading; home use and marketing.....	05	20	75	2 00
RED DUTCH. For pickling.....	05	20	75	2 00
SHORT-STEM DRUMHEAD. Selected strain; ripens early.....	05	20	60	1 75
SUREHEAD. Fine, large, solid heads with few outside leaves.....	05	20	75	2 00

CARROTS

Möhren Caroto
Marchew

(Crop very short)

CULTURE.—A well-enriched sandy loam is the best for this crop. Market-gardeners sow in rows about 18 inches apart. For field culture, sow in rows from 3 to 5 feet apart. One ounce will sow 100 feet of drill. Four pounds per acre.

Chantenay Half - Long Scarlet. Pkt. Oz. ¼lb. Lb.

Stump-rooted; medium early.....	\$0 05	\$0 25	\$0 75	\$2 75
Danvers Half-Long. Dark orange; good quality, with but little core.	05	25	60	2 00
EARLY FRENCH FORCING. Earliest; small; orange-red.	05	25	60	2 00
EARLY HALF-LONG SCARLET. Skin smooth; flesh red..	05	25	60	2 00
Early Scarlet Horn (SHORT HORN). Fine table Carrot; excellent for soup when young. See illustration.....	05	25	60	2 00
LONG ORANGE IMPROVED. Improved strain.....	05	25	60	2 00
LONG RED ALTRINGHAM. Medium; best for gardens.....	05	25	60	2 00
Oxheart, or Guerande. Smooth; about 6 inches long.....	05	25	60	2 00
RUBICON HALF-LONG. Deep red, earlier than Danvers..	05	25	60	2 00
ST. VALERY, or INTERMEDIATE. Very choice; orange..	05	25	60	2 00
WHITE AND YELLOW BELGIAN. Principally for stock	05	15	40	1 25



Early Scarlet Horn Carrots



CELERY Sellerie Sedano Sellery

CULTURE.—Sow in a finely prepared seed-bed, and keep the bed moist. In setting, prepare shallow trenches, 6 inches deep and 4 to 6 feet apart, the plants 6 inches apart, cutting off the outer leaves and pressing the soil firmly about the roots. Good plants may be set out as late as the middle of August. One ounce will produce 4,000 plants. One pound of seed will produce sufficient plants for an acre.

These grow quickly, blanch easily and are especially adapted for fall and early winter use.

SPECIAL NOTE.—Many gardeners wonder why their Celery is hollow, stringy and, in fact, so poor in every way that it is almost worthless. France is the only country where good seed that will grow fine, brittle Celery, free from strings and hollowness, can be produced. This seed costs six to eight times the prices American stock can be grown for, and **when you see catalogues advertising how cheaply Celery seed can be sold, beware!** We grow all our Celery seed in France, and are known among many seed-houses as one of the dearest houses in the trade. This is so, but remember we give you **exactly what we represent—French-grown seed.** The French stocks of Celery seed and all root-crops are short again; in fact, we believe they are worse than last year, and, as we **positively will not handle American stocks of Celery seed**, you can rest easy when buying from us that **you get what you pay for.**

Improved Golden Self- Blanching Celery THE BEST EARLY CELERY Critical Market-Gardeners Say Ours Is the Finest They Ever Had

For some time past we have been carefully selecting the stock of this well-known Celery from the original strain. We believe now we have so far perfected it that when once grown you will have no other. The stalks are much broader than the White Plume and greatly superior in quality, and is ready for market almost as soon, producing dwarfier and much larger bunches of fine, heavy stalks, which are crisp, tender and of nut-like flavor. We can recommend this particular strain to our customers. See illustration. **Pkt. 15 cts., ¼oz. 75 cts., ½oz. \$1.25, oz. \$2.25, ¼lb. \$7.50, lb. \$25, postpaid.**



Improved Snowwhite Celery



Improved Golden Self-blanching Celery

Improved Snowwhite Celery

The new Snowwhite is a pure white, self-blanching Celery, introduced in 1902, after five years of careful selection and improvement. It is without a rival in purity of color. The originator says on this point: "In the season of 1900 I set seven thousand plants of Snowwhite and found seven green stalks; in 1901, three thousand plants and only one green stalk, and in 1902, six thousand plants, and not a single stalk that was not pure white. It does well where others fail." Mr. E. J. Hollister, the noted Celery-grower, and author of a book on Celery-growing, also says: "The pearly whiteness of the stalks of Snowwhite Celery denotes good constitution, and, together with the size, strength and number of the stalks, makes a perfect picture." In vigor of growth, ease of blanching, size, richness of flavor, crispness and purity, it is ideal. Our picture, made from a photograph of two stalks, gives some idea of the beauty of this variety, but not of the size. Single stalks sometimes weigh two and one-half pounds, and quite frequently two pounds each. It grows solid on all kinds of soil, and keeps better than many standard varieties. See illustration. **Pkt. 10 cts., oz. 40 cts., ¼lb. \$1.25, lb. \$4, postpaid.**

New Columbia Celery

A very early-maturing sort, unsurpassed in shape and quality, very stocky and heavy. The stalks are thick, almost round, resembling those of the Giant Pascal. The color has more of the rich yellow tint of the Golden Yellow Self-blanching, which it resembles when trimmed and bunched for the market. Its quality is certainly fine, some connoisseurs considering it superior to any other variety. **Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.75, lb. \$6, postpaid.**

MR. THOS. L. NORTON, Wayland, N. Y., writes: "All of your seeds have given me very good results, and your Celery seed is the best I have used in some time."

MRS. JOHN E. LONGENECKER, Mount Joy, Pa., writes: "Celery seed received and planted and I will say this for it, that it beats all that I have ever grown for quick, crisp, tender and entirely stringless Celery. It should be named 'King of All'."



Holmes' New Green Celery, "Emperor" The Finest of All Winter Celeries

We have been trying for several years to get a stock of this grand winter Celery, and were so positive of doing it this year that we illustrated it in the back cover of our Hand Book of Seeds; but, unfortunately, at the time our catalogue was ready for press, our French growers notified us that the crop was almost a total failure. We have, however, a small quantity of the seed, and will be compelled to put it out only in packets this year. The **Emperor** is the largest, most solid and finest nut-flavored Celery grown. Excels by far the Pascal or any other winter variety. See cut. **Small pkt. 35 cts., 3 pkts. \$1, postpaid. Give it a trial—we guarantee the quality.**

EARLY VARIETIES

Golden Self-blanching. American stock. Owing to the high price of French stock we purchased, from the best grower in America, a small lot for those who want American stock. **Pkt. 10 cts., oz. 75cts., 1/4lb. \$2.50, lb. \$8, postpaid.**

Holmes' Scarlet Plume. Practically identical with White Plume; solid, stringless, flavor delicious, crisp and nutty. **Pkt. 5 cts., oz. 20 cts., 1/4lb. 50 cts., lb. \$1.75, by mail, postpaid.**

HOLMES' SELECTED WHITE PLUME. Earliest variety grown; can be blanched for the table in September. **Pkt. 5c., oz. 25 cts., 1/4lb. 75 cts., lb. \$2.25, by mail, postpaid.**

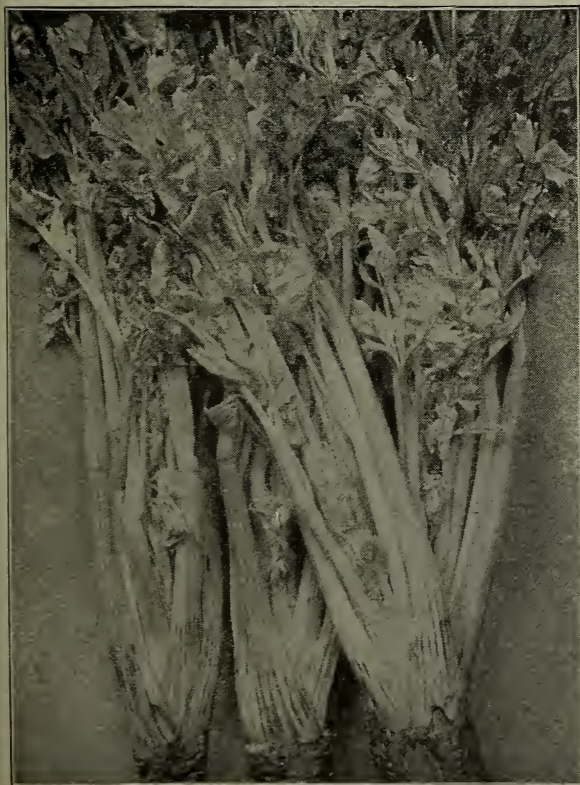
NEW COLUMBIA. Early maturing, stocky and heavy. Resembles Golden Self-blanching. Tender, crisp. See illus. **Pkt. 10 cts., oz. 50 cts., 1/4lb. \$1.75, lb. \$6, by mail, postpaid.**



Holmes' New Green Celery, "Emperor"

SECOND-EARLY, LONG-KEEPING AND WINTER VARIETIES

	BY MAIL, POSTPAID			
	Pkt.	Oz.	1/4lb.	Lb.
BOSTON MARKET. Half-round, green stalks, blanching white; crisp, tender.....	\$0 05	\$0 20	\$0 70	\$2 00
DWARF GOLDEN HEART. Large heart; solid stalks, blanching golden yellow.....	05	25	75	2 25
Giant Pascal. Desirable green winter Celery. Long-keeping; robust, healthy, stocky, 2 feet high.....	05	25	75	2 25
GIANT WHITE SOLID. Sold as Large-ribbed Kalamazoo. Compact-growing variety.....	05	20	50	1 75
MAGNIFICENT. Fine type of a late, long-keeping Celery. Excellent market-garden variety.....	10	35	1 25	4 00
MONARCH. Large stalks and magnificent bright golden yellow hearts.....	05	25	75	2 25
PERFECTION HEARTWELL. Splendid for late use; excellent keeper; fine flavor.....	05	25	75	2 25
WINTER QUEEN. Best late or winter keeper; ribs thick; very solid.....	05	25	75	2 25
SOUP CELERY. (Old seed.) Excellent for flavoring.....		05	10	40



New Columbia Celery

CELERIAC

Turnip-Rooted Celery

Knoll-Sellerie Sedano-rapa Brukwiana

Large, turnip-like roots which keep well for winter use. Fine cooked, for flavoring soup, or sliced and used as a salad.

Large Smooth Prague. Almost round, uniform, smooth-skinned; free from side roots. **Pkt. 10 cts., oz. 30 cts., 1/4lb. \$1, by mail, postpaid**

CHICORY Cichorienwurzels Cicoria selvatica Cukorya

Large-rooted, or Coffee. Largely used as an adulterant or substitute for coffee. **Pkt. 5 cts., oz. 15 cts., 1/4lb. 35 cts., lb. \$1, by mail, postpaid.**

COLLARDS

Georgia. A substitute for cabbage, grown in the South. Leaves, when cooked, are tender and delicate. **Pkt. 5 cts., oz. 15 cts., 1/4lb. 35 cts., lb. \$1, by mail, postpaid.**

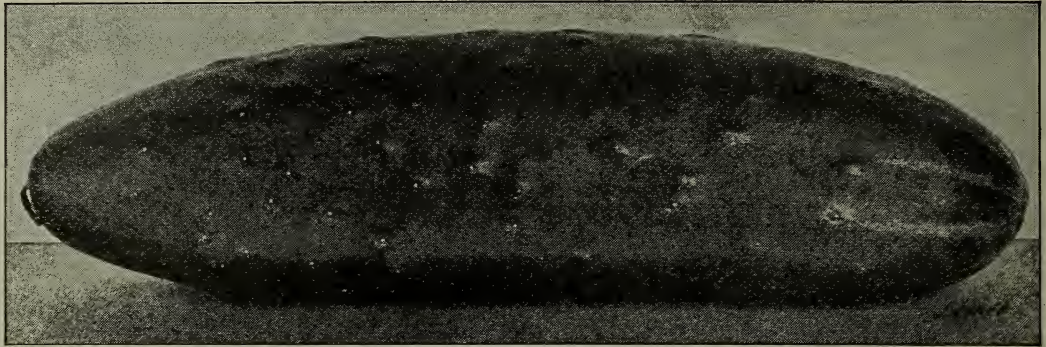
CORN SALAD Feldsalat Valeriana

Large-leaved Feticus, or Lamb's Lettuce. For late fall, winter and spring. Used as a substitute for lettuce. **Pkt. 5 cts., oz. 10 cts., 1/4lb. 25 cts., lb. 75 cts., by mail, postpaid.**

CRESS Gartenkresse Agretto Rzerzucha

Fine Curled (Pepper Grass). Quick-growing, crisp, pungent, refreshing. **Pkt. 5 cts., oz. 10 cts., 1/4lb. 20 cts., lb. 50 cts., by mail, postpaid.**

Water Cress. Seed may be started in pans or boxes of very moist earth, and the young plants transplanted to shallow water along banks of ponds or running streams. **Pkt. 10 cts., oz. 40 cts., 1/4lb. \$1.25, lb. \$3.50, by mail, postpaid.**



Holmes' Special White Spine Cucumber

CUCUMBERS

Gurken Cetriolo Ogorek

CULTURE.—An ounce will plant about 50 hills. Sow about first of May, in turned-over sods or small pots, which can be bedded in the soil in the frames, and use little bottom heat. Transplant to open ground in three or four weeks, plants 3 or 4 feet apart each way, four strong plants to each hill. Two to three pounds per acre.

Holmes' Special White Spine

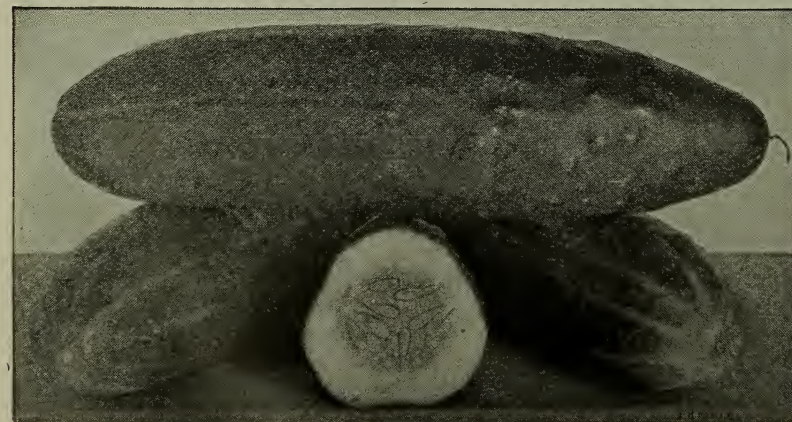
This Cucumber cannot be praised too highly. It is nothing more or less than an extra-fine type of what is unquestionably the best and most widely grown Cucumber in America. It is unsurpassed as a table and market sort, and is also used for pickling. No other kind exceeds it in productiveness, and it is equally good for forcing under glass or growth in the open air. We have a record of where a single hill of three vines produced over 500 Cucumbers during the season. The fruit is from 5 to 7 inches long and 2 to 3 inches in diameter. Color, a beautiful dark green; straight, and does not turn yellow. The illustration shows most accurately the fine shape this Cucumber attains. **Pkt. 10 cts., oz. 20 cts., 1/4 lb. 75 cts., lb. \$2.75, by mail, postpaid.**

COOL AND CRISP. Extra early, tender and crisp, and a grand pickler. **Pkt. 5 cts., oz. 15 cts., 1/4 lb. 30 cts., lb. \$1, by mail, postpaid.**

	Pkt.	BY MAIL, POSTPAID			
		Oz.	1/4 lb.	Lb.	
Davis Perfect. A forcing variety of excellent quality, shape and productiveness. See illustration	\$0 05	\$0 15	\$0 30	\$1 00	
EARLY CLUSTER. An early, prolific, prickly, short green Cucumber	05	10	30	1 00	
EARLY FRAME, or SHORT GREEN. For slicing or pickling; productive; early	05	10	30	1 00	
Everbearing. Form perfect; rich, deep green; desirable for pickling	05	10	30	1 00	
EXTRA-EARLY GREEN PROLIFIC. Ideal for pickling	05	10	30	1 00	
EXTRA-EARLY LONG GREEN. Very early and prolific	05	15	40	1 50	
FORDHOOK FAMOUS. Smooth, dark green fruits measuring 12 to 18 inches	05	15	35	1 25	
Holmes' Improved Arlington White Spine. Early; very productive; fruit good size, straight and well formed	05	15	40	1 50	
Holmes' Jersey Pickle. Produces more dark green pickles than any other variety we ever tested	05	15	40	1 50	
Holmes' Improved Long Green. Fruits 12 to 14 inches long; firm; crisp; excellent	05	15	40	1 50	
Klondyke. An exceedingly productive variety; dark green in color	05	15	40	1 50	
JAPANESE CLIMBING. Ornamental variety	05	45			
LIVINGSTON'S EMERALD. Large, smooth; deep green	05	15	40	1 50	



Davis Perfect Cucumbers



Holmes' Perfect Cucumbers

NEW CUMBERLAND. Very prolific; fine for pickling or slicing. **Pkt. 5 cts., oz. 15 cts., 1/4 lb. 40c., lb. \$1.50, by mail, postpaid.**
NICHOL'S MEDIUM GREEN. Very productive; unsurpassed for pickling. **Pkt. 5c., oz. 15c., 1/4 lb. 30c., lb. \$1, by mail, postpaid.**
WEST INDIA GHERKIN, or BURR. Small, prickly fruits; best for pickles. **Pkt. 5 cts., oz. 25 cts., 1/4 lb. 60 cts., lb. \$2, by mail, postpaid.**

Holmes' Perfect

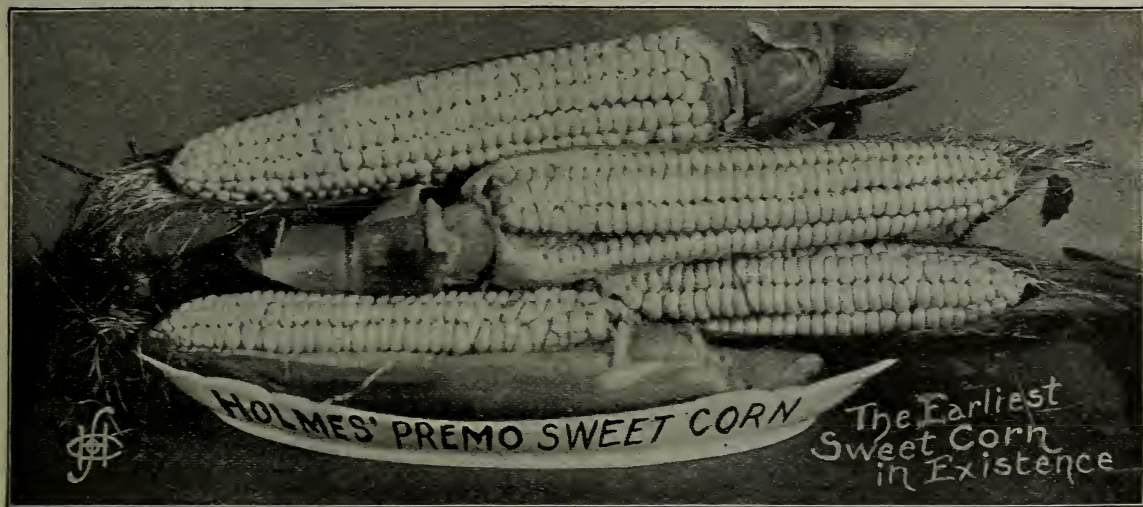
Once Grown, Always Grown

Its good qualities are its extreme earliness and prolificness. Very hardy, resisting unfavorable weather conditions; very dark green, attractive shape and is a good size for slicing. A most profitable sort for shipping to distant markets. See illustration. **Pkt. 10 cts., oz. 20 cts., 1/4 lb. 75 cts., lb. \$2.75, by mail, postpaid.**

SWEET, or SUGAR CORN

Mais
Kukurudza

CULTURE.—Sugar Corn requires a good soil and a warm situation. Begin for first early by planting the early varieties about May 1, and, for a continuous supply all summer, make plantings about two weeks apart, from May 1 until late July, first planting early varieties, then later ones. Plant in rows 3 feet apart each way. One quart for 200 hills, 8 to 10 quarts in hills for an acre.



Holmes' Premo.

Ready for the Table 60 Days After Planting
We Originated and Introduced This Variety in 1900

One of the earliest and best Sweet Corns in existence. The best seed can be had only from the introducers. Market-gardeners will make no mistake in planting this Corn for a money-crop. It is a success, not an experiment.

Up to 1913 it has been the world's earliest Corn, and not only this, but is also superior to nearly all in size, quality and yield. **Must be planted fully as early as the Adams.** The young plants stand light frosts, where the other varieties are tender, and the seed will not rot when planted before the soil becomes warm, or where long-continued rains follow planting. The stalks grow about 5 feet high, and generally bear two uniformly sized, fine-appearing, well-developed and marketable ears, 7 to 9 inches long, to each stalk.

For years seedsmen over the country have been wanting a really first-class Sweet Corn that would come in with Adams' Extra-Early. Before introducing it, we secured a small quantity of this Corn, and by actual test, side by side with many other varieties, it proved earlier by a week than all its companions.

Holmes' Premo is of the best quality. It is tender, sweet, deliciously flavored, and the ears are well filled to the very tip. It is so early that there is a full crop at the time of the very highest price. The stalks, which grow very strong and stiff, and about 5 feet high, are free from smut, and will grow in any soil, as well as resist drought and bad seasons generally to a very marked extent. See illustration. **Prices, our own growing, pkt. 10 cts., pt. 25 cts., qt. 35 cts., by mail, postpaid. By freight or express, not prepaid, qt. 25 cts., 4 qts. 85 cts., peck \$1.50, bus. \$5.50.**

Holmes' Delicious Sweet Corn

Named and Introduced by Us in 1907. A Most Delicious, New and Distinct Variety

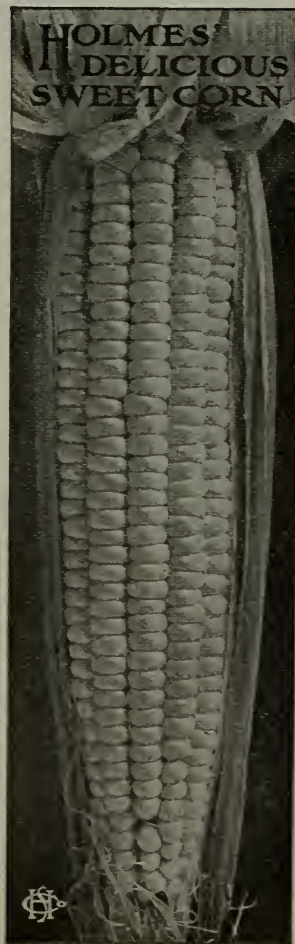
In home gardens, market-gardens and fields, Holmes' Delicious will set a new pace in Sweet Corn qualities. It is second-early—will grow ready for market in seventy-five days from planting. It is drought-proof and does not smut. The stalks grow 5 to 6 feet high, and each one bears two or more marketable and well-developed ears, which are not so large as those of Premo, and have twelve rows of grains. Can be planted early before cold, wet weather is all past. Try it. It's a good one. See illus. **Prices, pkt. 15 cts., pt. 25 cts., qt. 45 cts., by mail, postpaid. By frt. or exp., not prepaid, qt. 30 cts., peck \$2, bus. \$6.**

Morse's Golden Cream Sweet Corn

Golden Yellow Country Gentleman. Flavor Delicious

The verdict has been unanimous in its praise. Everywhere it has proved a much better Sweet Corn than we ourselves had anticipated, and we feel that it is worthy of first place among vegetable attractions this season. The kernels are long and pointed, and are borne on a very slender cob in irregular rows. In its green state the kernels are light yellow, but they cook to a bright golden yellow. The stalks grow about 4 to 5 feet high and bear from two to four ears. The shucks are tinged with brown and the tip of the silk is also slightly brown. The ears vary in size, but average about 5 inches in length—rather smaller than the old-fashioned Sweet Corn, but easily handled in eating. The flavor is delicious and in sweetness and tenderness resembles both parents, **Golden Bantam** and **Country Gentleman**. It is as early as the former, being one of the first of the main-crop varieties. We hope every one of our customers who has a spot in his garden will try it. **Pkt. 10 cts., pt. 40 cts., qt. 75 cts., by mail, postpaid. By freight or express, not prepaid, qt. 60 cts., 4 qts. \$2, peck \$3.50.**

MR. BENJ. MANNING, Horseheads, N. Y., writes: "It may interest you to know that Holmes' Golden Surprise Corn, planted beside the best New York State eight-rowed Corn, is doing better, stands droughts better and I think will mature. It surely looks good to me."



Golden Bantam Sweet Corn

This Corn is extra early, very sweet and of a delicious flavor. As indicated in its name, the grain, when ready for use, is a rich, creamy yellow, deepening to an orange-yellow as it ripens. We do not recommend it as a market sort, as its color gives it the appearance of being old; but, when once used, it will be popular on account of its rich flavor. **Pkt. 10 cts., pt. 30 cts., qt. 45 cts., by mail, postpaid. By freight or express, not prepaid, qt. 30 cts., 4 qts. 85 cts., peck \$1.50.**

Howling Mob, New

The finest large-eared second-early Corn; of delicious flavor. In the vicinity of Pittsburgh the gardeners plant this extensively, as they claim it is far ahead of any other second-early Corn and sells on sight. **Pkt. 10 cts., pt. 30 cts., qt. 50 cts., by mail, postpaid. By freight or express, not prepaid, qt. 35 cts., 4 qts. \$1, peck \$1.75.**

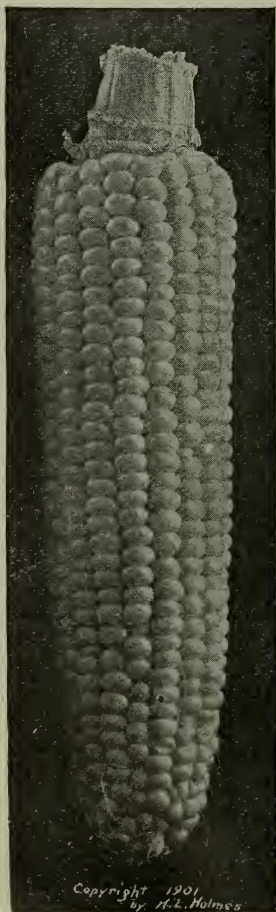
Holmes' Top-Notch Delicious Flavor. Ears from 10 to 12 Inches Long

For several years we have been growing this variety. The **Top-Notch** strongly favors the Early Mammoth, but is much longer in the ears, measuring 11 inches. The grains are rather deep, and, as one gardener pronounces it, "the most delicious Corn, for a late variety, I ever used." It comes in about the same season as Early Evergreen, and is the largest and best Sweet Corn grown. Any one desiring Sugar Corn producing ears of immense size, delicious flavor and earlier than the Evergreen, will do well to give the **Top-Notch** a trial. It comes in at the time when Sweet Corn brings its best price. See illustration. **Pkt. 10 cts., pt. 25 cts., qt. 40 cts., by mail, postpaid. By freight or express, not prepaid, qt. 20 cts., peck \$1.25.**

Holmes' Gold Coin Evergreen

Every gardener in the world knows the Evergreen Corn. Our **Gold Coin** is a selected strain of the old Stowell's Evergreen, being more even and coming in even throughout the crop. We can recommend it as being far superior to the old strain, and will test 90 per cent in vitality. See illustration. **Pkt. 10 cts., pt. 30 cts., qt. 50 cts., by mail, postpaid. By freight or express, not prepaid, qt. 35 cts., 4 qts. \$1, peck \$1.75, bus. \$6.**

LIBERAL PACKETS OF ALL VARIETIES OF SWEET CORN, 10 CTS. EACH



Holmes' Gold Coin Evergreen

FIRST-EARLY VARIETIES

EARLY ADAMS, or BURLINGTON. Robust; early; productive; handsome ears for marketing, but of inferior quality. **Pt. 20 cts., qt. 35 cts., by mail, postpaid. By express or freight, not prepaid, qt. 20 cts., peck \$1.25.**

EARLY METROPOLITAN. Ears 9 inches long, ten- to twelve-rowed, filled with luscious white milky kernels. **Pt. 20 cts., qt. 35 cts., by mail, postpaid. By express or freight, not prepaid, qt. 20 cts., peck \$1.25.**

Early Minnesota. Standard early of dwarf growth, coming in between Cory and Crosby's; ears fair size, good quality. **Pt. 20 cts., qt. 35 cts., by mail, postpaid. By express or freight, not prepaid, qt. 20 cts., peck \$1.25.**

EXTRA-EARLY DWARF ADAMS. Not Sugar Corn, but sweet and tender. Small ears.

Kendel's Early Giant. Large, handsome ears; ready in seventy days.

Peep O'Day. New. Good early variety.

WHITE COB CORY. Extremely early, usually fit to use in from fifty to sixty days; ears 6 to 7 inches; milky white kernels; sweet, tender. Plants dwarf.

MEDIUM-EARLY VARIETIES

BLACK MEXICAN. Medium early, 8-inch ears, well filled with large kernels which, though black when ripe, are white when green and then exceptionally sweet.

Clark's Nonesuch. Best large-eared, second-early Sweet Corn.

CROSBY'S EARLY. Second early; of fine quality.

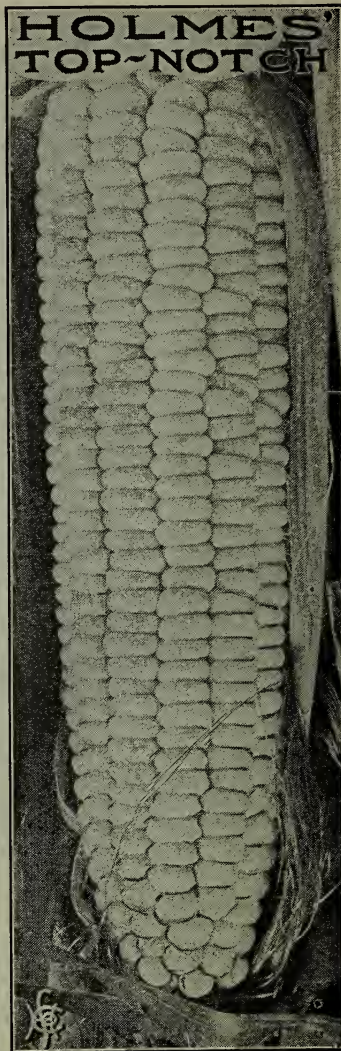
EARLY MAMMOTH, or ASYLUM. Much earlier than Late Mammoth.

New Early Evergreen. Ears as large as Stowell's; 10 days earlier.

PERRY'S HYBRID. Second-early; large, white kernels; sweet; tender.

SHAKERS' EARLY. Very large, white grain; early; productive.

STABLER'S EARLY. Large-eared, second early; sweet.



BY MAIL, POSTPAID		BY EXP. OR FRT., NOT PREPAID	
Pt.	Qt.	Qt.	Pk.
\$0 20	\$0 35	\$0 20	\$1 25

20	35	20	1 35
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25	35	25	1 35
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20	35	20	1 35
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20	35	20	1 35
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BY MAIL, POSTPAID		BY EXP. OR FRT., NOT PREPAID	
Pt.	Qt.	Qt.	Pk.
\$0 20	\$0 35	\$0 20	\$1 25

20	35	20	1 35
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20	35	20	1 35
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20	35	20	1 35
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20	35	20	1 35
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20	35	20	1 35
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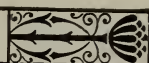
20	35	20	1 35
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20	35	20	1 35
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20	35	20	1 35
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20	35	20	1 35
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MR. H. S. RAWLINGS, Pinto, Allegheny Co., Md., writes: "I was very much pleased with the Golden Standard Leaming Corn bought from you, as it came up better than any other Corn in our vicinity. I also won the Third Prize and Yellow Ribbon on it at the Baltimore, December, 1912, Corn Show of Maryland. Have sold a great deal of it for seed Corn to people here in our county, which speaks well for it."



Late, or Main-Crop Sweet Corn

	BY MAIL, POSTPAID		BY FREIGHT OR EXPRESS, NOT PREPAID	
	Pt.	Qt.	Qt.	Pk.
Country Gentleman (Shoe-Peg, or Ne Plus Ultra). Ears 8 to 9 inches long; cob of great depth, surpassingly sweet and tender.....	\$0 20	\$0 35	\$0 25	\$1 50
EGYPTIAN , or WASHINGTON MARKET . Fine for market; ears large.....	20	30	25	1 50
Henderson Sugar . An ideal midseason Sweet Corn.....	20	30	25	1 50
HICKOX . Earlier than Stowell's Evergreen; good for drying.....	20	30	25	1 50
MAMMOTH . Very late; ears 14 inches; broad, white kernels; superb quality.....	20	35	20	1 50
MOORE'S CONCORD	20	30	25	1 50
Stowell's Evergreen . The standard late, for home, market and canning; kernels long, tender and sugary.....	20	35	20	1 35
White Evergreen . A high-bred, ideal type of Stowell's Evergreen, with all its points of merit.....	20	35	25	1 50
ZIG-ZAG EVERGREEN . Good-sized ear; deliciously sweet.....	20	35	25	1 50
POP CORN: GOLDEN QUEEN and SILVER LACE	20	35	25	

DANDELION

Löwenzahn Dente di leone
Papawa

Leaves make a fine early spring salad. Cultivated sorts are larger and better-flavored than those growing wild. Pkt. 5 cts., oz. 25 cts., ¼lb. 60 cts., lb. \$2, by mail, postpaid.

EGGPLANT

Eirpflanze Petronciano
Jajokowa

CULTURE.—Sow the seed in hotbed about March 1, transplant to 4 inches apart, and when the plants grow thick, transplant to 8 inches apart. Set in the field about May 20. One ounce produces about 1,000 plants.

	BY MAIL, POSTPAID			
	Pkt.	Oz.	¼lb.	Lb.
Black Beauty . The earliest variety that grows Pkt.	\$0 10	\$0 35	\$1 00	\$3 50
to a good size. See illustration.....				
NEW YORK IMPROVED PURPLE . Fruits very large; perfectly formed; fine quality....	10	30	80	3 00

ENDIVE

Endivien Indivia
Endiven

CULTURE.—For early use, sow in May, in rows 10 inches apart. For succession all summer, plant as much later each time as you wish it to bear. It will do well till midsummer. One ounce will sow a row of 150 feet.

	BY MAIL, POSTPAID			
	Pkt.	Oz.	¼lb.	Lb.
Broad-leaved Batavian . Large heads of broad, thick leaves.....	\$0 05	\$0 15	\$0 35	\$1 25
GREEN CURLED . Crisp, dark green leaves; the hardiest.....	05	15	35	1 25

Holmes' Winter Golden

	BY MAIL, POSTPAID			
	Pkt.	Oz.	¼lb.	Lb.
Heart . Exceedingly hardy; heads finely curled; pure golden Pkt.	\$0 10	\$0 25	\$0 75	\$2 25
yellow leaves. See illustration.....				
WHITE CURLED . Leaves pale green. Does not require blanching.....	05	15	35	1 25

KALE, or BORECOLE

Blätterkohl
Cavolo verde

Kale is more hardy than cabbage, and will endure considerable frost without injury. Cultivate like cabbage. One ounce will sow a drill about 200 feet. Three pounds will sow an acre.

DWARF GREEN CURLED SCOTCH. Beautifully curled; bright green; very hardy. Pkt. 5c., oz. 10c., ¼lb. 30c., lb. 80c., by mail, postpaid.

Holmes' Improved Dwarf German.

(American-grown.) Like the above except in color. This has a bluish tinge. Pkt. 5c., oz. 10c., ¼lb. 30c., lb. 80c., by mail, postpaid.

SIBERIAN. Grows vigorously; green foliage with bluish tinge or bloom. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75c., by mail, postpaid.

TALL SCOTCH. Same as the dwarf Green, except that it grows taller. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 80 cts., by mail, postpaid.

KOHLRABI

Knollkohl Cavolo rapa (Turnip-Rooted Cabbage)
Kolorapa

CULTURE.—Set plants 8 inches apart in rows. For later use, sow seed in rows and thin out. One ounce will sow a drill of about 200 feet.

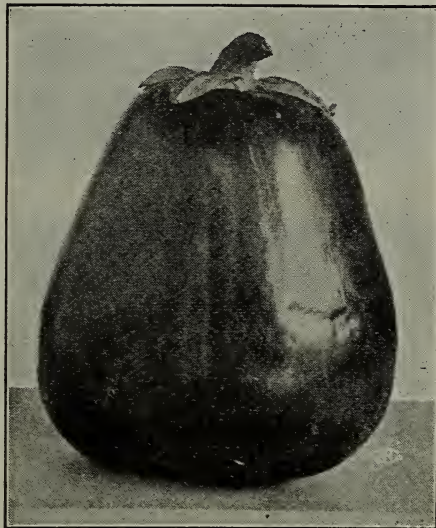
	BY MAIL, POSTPAID			
	Pkt.	Oz.	¼lb.	Lb.
EARLY PURPLE VIENNA . Rich purple.....	\$0 05	\$0 20	\$0 50	\$1 75
EARLY WHITE VIENNA . Flesh white.....	05	20	50	1 75
GREEN , or WHITE . Good for table and stock feeding..	05	20	50	1 75

LEEKs

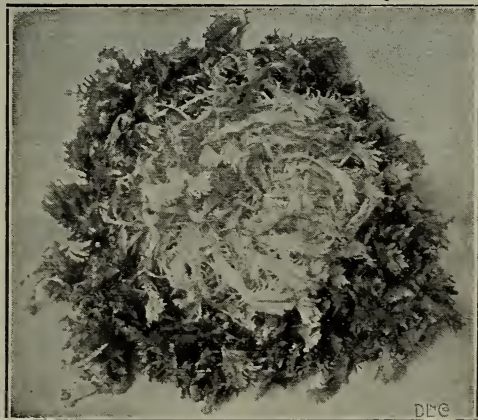
Peree, oder Lauch
Porro

CULTURE.—Sow early in rows a foot apart, and cover an inch deep. When 6 or 8 inches high, set 10 inches apart each way, as deeply as possible. Ground can hardly be too rich. One ounce will sow 100 feet of drill.

	BY MAIL, POSTPAID			
	Pkt.	Oz.	¼lb.	Lb.
Broad London Flag . Hardy; whole plant is edible.....	\$0 05	\$0 20	\$0 40	\$1 25
MONSTROUS CARENTAN , or SCOTCH CHAMPION . Grows rapidly and is very hardy. See illustration.....	05	20	40	1 25



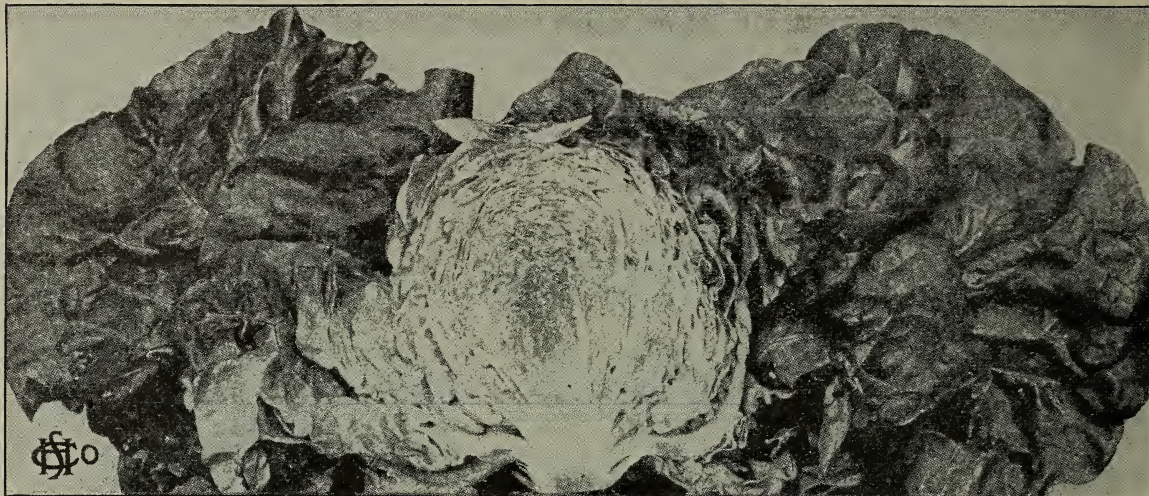
Black Beauty Eggplant



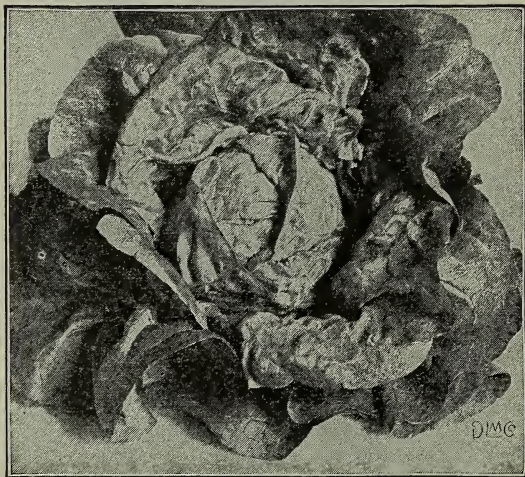
Holmes' Winter Golden Heart Endive



Monstrous Carentan Leek



A cut head of Holmes' Improved Big Boston Lettuce, French-Grown



Head of Holmes' Eclipse Big Boston Lettuce, showing the evenness and fine coloring. (French-grown.)

LETTUCE

Lattich, oder Kopfsalat Lattuga Salata

CULTURE.—For early crop, sow seed outdoors in September and transplant to coldframes as soon as large enough to handle, and winter like early cabbage. For later spring crop, sow in well-protected frames in February, and in hotbeds in March. For home-use, sow in rows a foot apart early in spring; thin plants to a foot apart. One ounce will produce about 1,500 plants.

Holmes' Eclipse Big Boston Lettuce

The Ideal of Perfection

We have been selling this Lettuce for several years to the largest market-gardeners in New York, and they say it is the finest type of the Big Boston they have ever had. Every plant is an ideal head, the coloring is much more defined in this strain and larger in the head than any other they have ever used. It is absolutely a new Lettuce and, at the instigation of several of our largest gardeners, we decided to catalogue it this year, although our trade now takes almost all we can grow.

We can recommend it, and **Holmes never catalogues anything unless it is right.** See illustration. **French-grown seed in sealed packets, pkt. 15 cts., oz. 40 cts., 1/4 lb. \$1.25, lb. \$3.50, by mail, postpaid.**

Holmes' Improved Big Boston Lettuce (French-Grown)

Quality Superb; Tender; Free from Any Bitterness. Absolutely Will Not Turn Red

Similar to the old Big Boston, only runs much more even and larger in head; leaves lay close and form a compact, buttery head. It is praised by all users, and is a distinct strain, far superior to any other strain we have ever seen growing. We have given it the name, "Holmes' Improved," so as to distinguish it from any other strain on the market. Sold only under seal. See illustration. **Pkt. 15c., oz. 40c., 1/4 lb. \$1.25, lb. \$3.50, by mail, postpaid.**

For ordinary Big Boston Lettuce, as usually sold by other seedsmen, see general list.

Holmes' Perfect Lettuce

A fine all-round Lettuce. It is an exceedingly quick grower, with handsome, buttery head, and can be used for both early and late sowings. Under glass it is the finest heat-resisting variety we know of outside of, probably, Holmes' Zero. The inner leaves (practically the entire head) blanch to a rich golden yellow, and have a fine, rich buttery flavor. It is an excellent shipper and a good keeper. See illustration. **Pkt. 10 cts., oz. 40 cts., 1/4 lb. \$1.50, lb. \$5, postpaid.**



Holmes' Perfect Lettuce

MR. W. H. TRIMMER, 118 Portland St., Mechanicsburg, Pa., writes: "Every seed I purchased of you has given entire satisfaction, and I am more than pleased with the treatment received at Holmes Seed Company."

NOTE: The head of Giant Crystal Head Lettuce, which was brought to our store for inspection by Mr. Trimmer, measured 18 inches across and weighed 2 pounds and 4 1/2 ounces. Can you beat this?

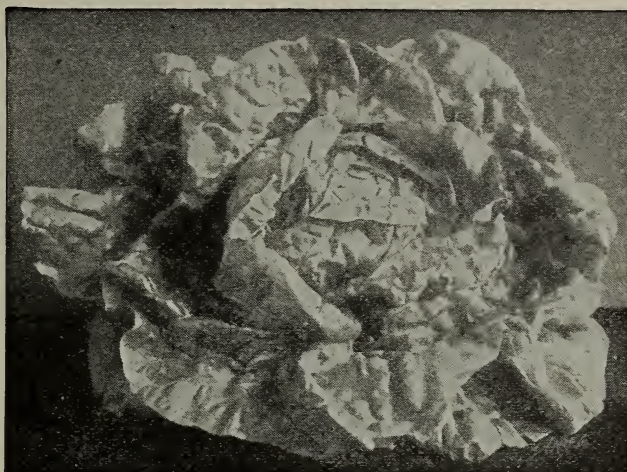
MR. LEVI HARTMAN, Etters, Pa., writes: "The Zero Lettuce I purchased from you is certainly a winner—I never had Lettuce stand the heat so well. It is the finest smooth-leaved butter Lettuce I know of for summer use and outside planting."



Holmes' Zero Lettuce

Resists Heat in Summer and Stands Longer Than Any Other Lettuce Without Going to Seed

As hardy in winter as the winter Lettuce, Nansen, introduced a few years ago. Produces large, solid heads of a yellowish green color, being very crisp and of the most delicious flavor. Great value for market. See illustration. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.50, postpaid.



Holmes' Zero Lettuce

Holmes' Improved Grand Rapids Lettuce

Improved by Years of Selection; Grows Larger and Absolutely Free from "Rogues"

Almost Lettuce perfection, being free from the rogues found in almost every stock grown. Does not form heads, but makes large, compact bunches of light golden foliage, the leaves having finely curled or fringed edges. Delicious quality and handsome appearance make it most popular in many markets. See illustration. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50, postpaid.

HEAD LETTUCE

	BY MAIL, POSTPAID			
	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
BOSTON MARKET. (Private Stock.) Ideal for forcing; fine quality; tender, sweet, crisp.....	\$0 05	\$0 15	\$0 35	\$1 00
CALIFORNIA CREAM BUTTER. Produces large, solid heads in cool weather.....	05	15	35	1 00
DEACON. Large, firm-heading; fine buttery quality.....	05	15	35	1 00
DENVER MARKET. Large, solid heads; leaves crimped.....	05	15	35	1 00
HOLMES' GIANT CRYSTAL HEAD. Exceeds every other variety in size and productiveness. Fine flavor, crisp, tender.....	05	15	50	1 75
BIG BOSTON. Plants large; very vigorous; broad, comparatively smooth, hard, light green leaves.	05	15	50	1 75
Holmes' Perfect. A fine all-round Lettuce, exceedingly quick grower, with handsome, buttery head.....	10	40	1 50	5 00
HOLMES' RAPID FORCING. Solid, golden yellow heads; crisp; tender.....	05	20	70	2 50
IMPROVED HANSON. A large, flat head, resembling that of cabbage, very tender and sweet.....	05	15	40	1 25
MAMMOTH BLACK-SEEDED BUTTER. Enormous head, tender, sweet and crisp.....	05	15	35	1 00
May King. Handsome, early; compact-heading variety; quality extra fine.....	05	15	35	1 00
NEW ICEBERG. Heads hard, tender, crisp.....	05	15	40	1 25
New York, or Wonderful. Immense heads; solid, crisp, tender, delicious.....	05	20	50	1 50
PHILADELPHIA DUTCH SPECKLED BUTTER. Large heads; excellent quality.....	05	15	35	1 00
PHILADELPHIA EARLY DUTCH BUTTER. Heads very compact; for forcing.....	05	15	35	1 15
PHILADELPHIA WHITE CABBAGE. Large-headed summer variety.....	05	15	35	1 15
SALAMANDER. Good-sized, compact and tender heads, creamy white inside; rich, buttery flavor.	05	15	40	1 25
TENNISBALL, BLACK-SEEDED. Very early, small, hard-heading variety.....	05	15	35	1 00
Thick Head Yellow. Extra-fine, large, summer variety.....	05	15	40	1 25
YELLOW-SEEDED BUTTER. Large, dense, yellow head; crisp, tender; fine flavor.....	05	15	35	1 00

CURLED, or CUTTING LETTUCE

This type does not form compact heads, but large masses of curly, crisp leaves, which are practically everbearing, as they keep growing after picking. The best are:

BLACK-SEEDED SIMPSON. Large, loose heads; curly, yellow leaves.....	05	15	40	1 25
EARLY CURLED SILESIA. One of the best cutting varieties.....	05	15	40	1 25
EARLY CURLED SIMPSON. Yellowish green; curly; earlier than head Lettuces.....	05	15	40	1 25
EARLY PRIZE-HEAD. Large, loose heads, stained red; curled.	05	15	40	1 25
The Morse. Light green; hardy. Superior to all.....	05	15	40	1 25
TOMHANNOCK. An upright Lettuce; tinged brown.....	05	15	40	1 25



COS LETTUCE

Cos, or Romaine.

New. Long-standing, solid hearts; bright golden yellow; crisp; tender.....	05	15	40	1 00
PARIS WHITE COS. A popular old variety.....	05	15	35	1 00

MRS. BESSIE HOYERT, Piketown, Route No. 1, Pa., writes: "I have been dealing with your house for many years and every seed that I purchased from you has given entire satisfaction. I never had seeds come up better than your seed."



Paul Rose Muskmelon

MUSKMELONS

Melone Popone Melon

The specially new and good varieties of Muskmelons are listed at length. Then the standard and well-known sorts, which nearly everyone is familiar with, follow in a briefer general list, arranged alphabetically for quick reference. We guarantee all our Melon seed to be absolutely fresh and pure, of strong vitality and true to name. If you want to know more than is given here about any variety, write us.

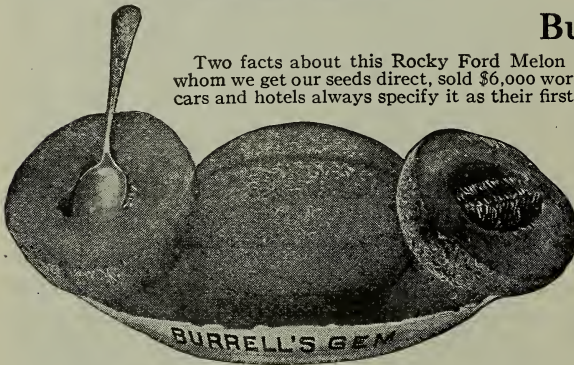
CULTURE.—Melons thrive best in a moderately enriched, light soil; the hills should be 3 to 6 feet apart each way, according to the richness of the soil. Previous to planting, mix well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure; plant eight or ten seeds in each hill early in May for latitude of Harrisburg (for south earlier, for farther north later), and when well up thin out to three or four plants to the hill. One ounce for sixty hills; 2 to 3 pounds for an acre.

Paul Rose, or Petoskey

In this variety, which has gained great popularity, are combined all the good qualities of the Netted Gem and Osage, of which it is a cross. It is finely netted like the Gem, and averages about the same size; will outweigh a Netted Gem of equal size by at least a third. Flesh salmon-colored. See illustration. **Pkt. 5 cts., oz. 15 cts., ¼lb. 35 cts., lb. \$1.25, postpaid.**

Burrell's Gem

Two facts about this Rocky Ford Melon will indicate its great value. Mr. Burrell, the introducer, from whom we get our seeds direct, sold \$6,000 worth from 12 acres in 1909. The Fred Harvey eating-houses, dining-cars and hotels always specify it as their first choice. Its value is proved by those things. The golden colored netting is similar to that of Rocky Ford Melon, making it very fine in appearance. The Melon is smooth and very solid and will ship across the continent, as it is possibly the best keeper grown. The seed-cavity is about the size of a teaspoon bowl, and an immense amount of the Melon is pure meat. The flavors of Rocky Ford and Osage are blended in the spicy, sweet and golden flesh. An abundant crop is produced—often 20 to 30 Melons from a hill, and each one weighing 2 or 2½ pounds. We get crates of Melons shipped from the best growers in Colorado and elsewhere, from which to save seed. We are sure it is right. See illustration. **Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50., postpaid.**



Netted Gem

This is one of the most popular of small, or basket Melons, and is shipped in large quantities from Colorado and Arizona. The fruit is oval, slightly ribbed, densely covered with fine netting and very uniform in shape and quality. Flesh thick, green, very sweet and highly flavored. **Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. \$1, postpaid.**

Emerald Gem

A splendid Melon. Fruit conveniently small or medium sized, globular, or slightly flattened at the ends, only slightly netted and ribbed; skin green, tinged with yellow; flesh deep salmon-yellow, thick, ripening close to the rind and exceedingly high-flavored. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. \$1.25, postpaid.**

Rocky Ford

The vines are healthy and vigorous, bearing an enormous quantity of fruits during the entire season. No Melon has ever sold so readily and at such high prices as the Rocky Ford. It is of a rich, greenish gold; the netting is very prominent and is light in color, which makes the outer appearance very attractive. The flesh is very crisp and tender, very deep, ripening clear to the rind, extremely sweet and luscious flavor, and it has a small seed-cavity. Our seed was raised especially for us by a careful grower, and is the best type of the genuine Rocky Ford Muskmelon. See illustration on page 21. **Pkt. 5 cts., oz 10 cts., ¼lb.. 30 cts., lb. \$1, postpaid.**

New Fordhook

This Melon originated in South Jersey, and is a cross between Emerald Gem and Improved Jenny Lind. It is the shape of the large-sized type of Jenny Lind, but has very thick, deep salmon-colored flesh, surpassingly sweet to the very rind. The fruits carry well to market, and, when once they are known, command the highest prices. It is quite early, vigorous in growth, and extremely prolific. The fruits are even in size and always nicely netted. A basket of them is a very appealing sight. See illustration. **Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50, postpaid.**



New Fordhook Muskmelon

EVERT DANNER, York Haven, R. F. D. No. 1, writes: "I have been purchasing my seeds from you ever since you came to Harrisburg, which now covers a period of fifteen years, which consisted of all kinds of seeds, including Melons and everything used by market-gardeners. I can cheerfully recommend your Melon seed as being true to name, and of high vitality, and, in fact, all your seeds. I have had less trouble with your seeds than with any others I have ever used, and take great pleasure in recommending them as being thoroughly reliable."



Green-Fleshed Muskmelons

ACME, or BALTIMORE. Early; oblong; light green flesh; fine shipper. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 90 cts., by mail, postpaid.
ANNE ARUNDEL. Oval; heavily netted; green fleshed, solid; grand shipper. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 90 cts., by mail, postpaid.
BAY VIEW. Prolific; good size; oblong; green flesh; late. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 80 cts., by mail, postpaid.

Extra-Early Hackensack.

Hardy; prolific; round; deeply ribbed, coarsely netted; green flesh; delicious. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 80 cts., by mail, postpaid.
HACKENSACK, or TURK'S CAP. Large, with round and flattened ends; thickly netted; productive; extra quality. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 80 cts., by mail, postpaid.

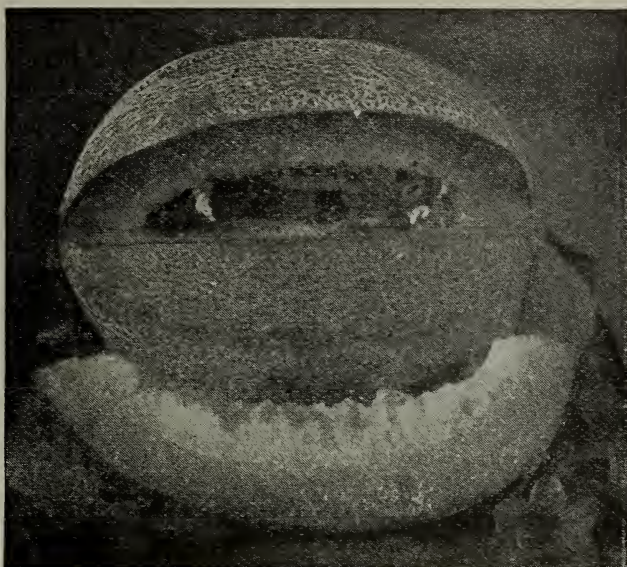
Holmes' Improved Nutmeg.

Popular; skin deep green, finely netted; flesh greenish yellow, rich and sugary. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 90 cts., by mail, postpaid.
JENNY LIND. Small, round, flat-ended, deeply ribbed; flesh yellowish; flavor fine; very productive over long season. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 90 cts., by mail, postpaid.
LONG ISLAND BEAUTY. Hackensack type; very early; luscious, green flesh, thick and sweet; netting heavy. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, by mail, postpaid.

MONTREAL MARKET. Large "Green Nutmeg" type, heavily netted; thick, luscious flesh; late and for cooler climates.

New Green-fleshed Osage. Hardy; prolific; handsomely netted and colored; firm, luscious flesh.

NORFOLK BUTTON. New. Very early; thick green flesh; fine for market.



Rocky Ford Muskmelon (see page 20)

	BY MAIL, POSTPAID			
	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
	\$0 05	\$0 10	\$0 25	\$0 90
	05	10	25	90
	05	10	25	80

Red, or Salmon-Fleshed Muskmelons

BANANA. An old variety; very long. 05 15 35 1 25
DEFENDER. Very best yellow flesh; medium-size; oval, slightly ribbed; gray netting; firm, fine-grained, rich flesh. 05 15 30 1 00
Miller's Cream, or Osage. Medium to large, oval, netted; flesh rich salmon, deep, firm, sweet and melting. 05 15 30 1 00
Perfection, or Princess. Early; round; beautifully netted; best red-fleshed. 05 15 30 1 00
TIP-TOP NUTMEG. Slightly oval; good size; sweet, juicy; yellow flesh. 05 15 35 1 25

WATERMELONS

Wassermelone Meloni d' aqua
Melon Wodny

CULTURE.—Select rich, deep sandy loam, well worked and highly manured. Plant when all danger of frost is over, in hills 5 to 6 feet apart each way. Scatter a dozen seeds to a hill, thin to three or four plants. When they have four or five rough leaves, pinch off the ends of the main shoots. One ounce to thirty hills. Four pounds per acre.

COLORADO PRESERVING CITRON. Green seed. Also called Apple Pie. \$0 05 \$0 10 \$0 25 \$0 80
CUBAN QUEEN. Early, solid, heavy; skin striped dark and light green. 05 10 20 75
Dark Icing. Early; round; solid; thin, dark green skin; superior quality. 05 10 20 70



Gray Monarch Watermelons

DELAWARE. Oblong; striped; tough rind; delicious red flesh. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 75 cts., by mail postpaid.

DIXIE. Large; dark green; fine shipper; solid red flesh; popular South. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 75 cts., by mail, postpaid.

Ferry's Iceberg. Deeper colored than Kolb Gem; tender and sweet. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 80 cts., by mail, postpaid.

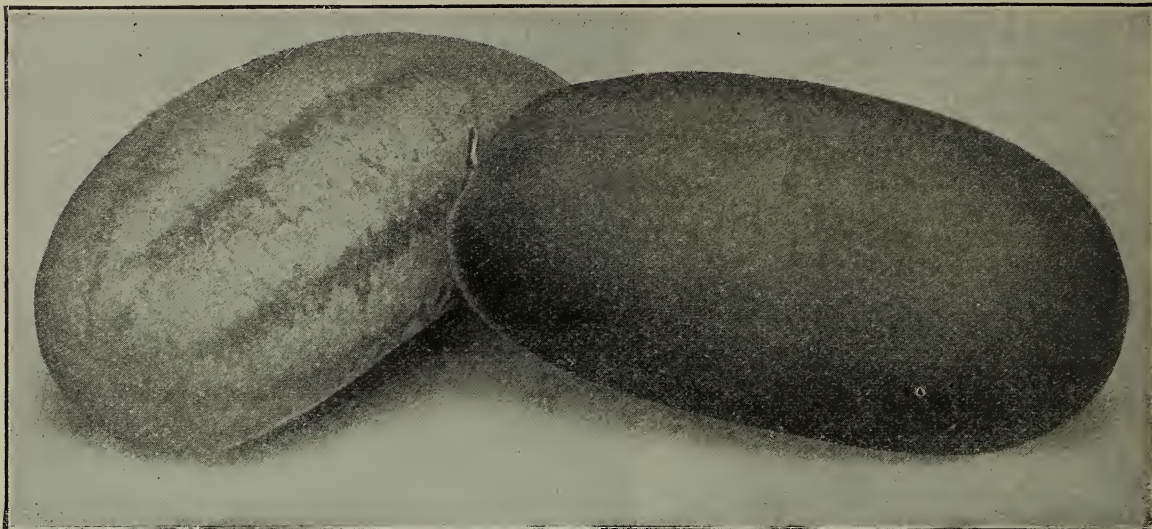
FLORIDA FAVORITE. Superior; large, oblong, striped; luscious red flesh. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c., by mail, postpaid.

FORDHOOK EARLY. Very early; good size; medium green; red flesh. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 75 cts., by mail, postpaid.

Gray Monarch, or Long White Icing.

Very large, long; crimson flesh. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 75 cts., by mail, postpaid.

GYPSY, or GEORGIA RATTLE SNAKE. Oblong, dark and striped, red flesh. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 75 cts., by mail, postpaid.



Kentucky Wonder Watermelon

Tom Watson Watermelon

WATERMELONS, continued

	Pkt.	BY MAIL, POSTPAID		
		Oz.	¼lb.	Lb.
HALBERT'S HONEY. Dark, clear skin; flesh crimson, luscious and sweet.....	\$0 05	\$0 10	\$0 35	\$1 00
Harris Earliest. Oval; fine quality; bright red flesh; sweet, tender and delicious....	05	10	20	75
ICE-CREAM, or PEERLESS. Very early; red flesh, fine quality.....	05	10	20	75
JONES' JUMBO. Round; large size; dark green skin; good quality.....	05	10	20	75
KENTUCKY WONDER, or VAUCLUSE. Large; dark green; light crimson flesh; good flavor....	05	10	20	75
Kleckley Sweets. Flesh bright scarlet, crisp, sugary and melting. See illustration...	05	10	25	90
KOLB GEM. Very large; flesh red; a good shipping sort.....	05	10	20	75
LIGHT ICING, or ICE RIND. Round in form; flesh of fine quality.....	05	10	20	75
MAMMOTH IRONCLAD. Long, striped, late; red flesh; good shipper.....	05	10	20	75
McIver Sugar. Large; fine quality; oval; flesh pale pink, sweet, melting.....	05	10	20	75
MOUNTAIN SWEET. Flesh red; extra-fine quality.....	05	10	20	75
PHINNEY'S EARLY OVAL. Mottled light green; large, oval, heavy; red flesh.....	05	10	20	75
SWEETHEART. Large, oval, heavy; flesh bright red, crisp, melting, sweet.....	05	10	20	75
Tom Watson. New. Large variety; 18 to 24 inches long; weight 40 to 50 pounds; flesh deep red; good shipper. See illustration,	05	10	25	90

MUSHROOM SPAWN

Schwamm
Fungo Pratajola

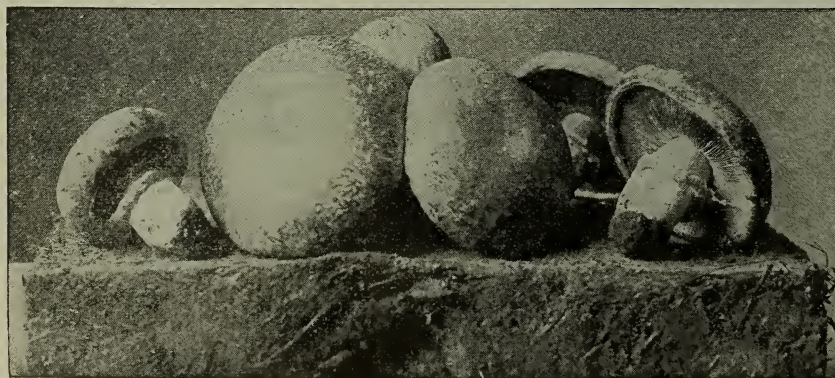
The culture of Mushrooms is easy if you plant fresh and thoroughly reliable spawn. They can be grown in a cellar, in sheds, hotbeds or the open air. New beds must be made at each planting. **English, brick 20 cts. (25 cts. postpaid), doz. \$1.60, 25 lbs. \$2.50, 100 lbs. \$8. American Pure-Culture Spawn, brick 25 cts. (35 cts. postpaid), 5 bricks \$1.10, 10 bricks \$2. Anglo-American Spawn, same price as Pure-Culture.** See illustration.

MUSTARD

	Pkt.	BY MAIL, POSTPAID		
		Oz.	¼lb.	Lb.
BLACK, or BROWN. Large, succulent leaves, pleasantly pungent.....	\$0 05	\$0 10	\$0 15	\$0 25
GIANT SOUTHERN CURLED. A favorite in the South.....	05	10	15	25
WHITE LONDON. Leaves used in salads and for garnishing.....	05	10	15	25

NASTURTIUM, or INDIAN CRESS

The seed-pods, gathered green, are delicious pickled and used for seasoning like capers. **Dwarf.** Mixed varieties. A trailer requiring no support. **Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 70 cts., by mail, postpaid.**



Mushrooms and Spawn

Tall, or Large. Climber to feet high; ornamental flowers. In many varieties mixed. See, also, page 48. **Pkt. 5c., oz. 10 cts., ¼lb. 20 cts., lb. 70 cts., by mail, postpaid.**

MR. W. H. ZINN, Dauphin, Pa., writes: "As one of your very oldest customers, it pleases me to say that your seeds have given entire satisfaction. So much so, that I believe this year I have no seeds but yours in the ground. They were not all bought directly from you but were bought from tested seeds originally supplied by your house to the growers. I am pleased to offer you this voluntary testimonial and wish you the utmost success in your growing business."



Holmes' Special Strain of Ohio Yellow Globe Onions. Note the shape

CHOICE ONIONS

Zwiebel Cipollo
Cebula

Tested and of the Strongest Vitality; the Finest, Selected Strains

We pride ourselves on selling the **very best Onion seed** that can be produced, and are now supplying some of the largest Onion-growers of the country. By sowing our seed, large Onions may be produced direct from the seed. For growing sets there is no better seed on the market than that we offer.

CULTURE.—Sow in early spring, in moist soil, as soon as the weather will permit, in rows 12 inches apart, and cover half an inch deep. If the Onions grow too thick, thin to about an inch apart, or only a few small Onions will be the result. Manure highly (20 loads to the acre being used by market-gardeners with profit), and if manure is not plenty, some good phosphate, at the rate of 400 to 800 pounds to the acre, will give splendid crops. A top-dressing of wood-ashes, applied after the second weeding, is very beneficial. One ounce will sow 100 feet of drill; five pounds will sow an acre.

Caution. Beware of cheap Onion seed. Fresh new seed, such as we sell, will test 90 to 95 per cent. If you are led by low prices to purchase Onion seed from doubtful sources, test it before planting. Our prices are as low as reliable seeds can be bought. **The lowest-priced Onion seed is not always the cheapest.**

Ohio Yellow Globe

A selected strain, uniform shape, attractive color, mild flavor, and produces enormous crops of large Globe Onions. Grown in Ohio for us by one of the best growers, who has been selecting this strain for a number of years. Note the shape in the illustration.

Our strain of this particular Onion has the finest shape, best color, and yields the largest crop of any yellow Onion. The heaviest yield of Onions is always obtained from rich, black lands. On such soils a globe-shaped Onion, with a somewhat flattened base, gives largest returns; the bulbs are large and uniformly spherical, with very small necks, the largest diameter below the center of the bulb; of a rich orange-yellow; enormous yielders and splendid keepers. See illustration. **Pkt. 10 cts., oz. 20 cts., ¼lb. 75 cts., lb. \$2.25, 5 lbs. and over at \$2 per lb., postpaid.**

Yellow Globe Danvers (as usually sold). Of uniform size; bright yellow; immensely productive; mild, tender, of fine flavor. **Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts., lb. \$1.25, postpaid.**

Round or Flat Yellow Danvers

As grown by us, this is a fine, selected strain, combining extreme reliability in ripening with large yield. It is grown extensively for market, ripening more surely in moist locations than do globe-shaped varieties, as well as earlier. It is becoming most popular also for growing Yellow Onion sets. Our strain produces thin-necked, flattened bulbs, which are quite thick through, yielding well in bulk. **Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts., per lb. \$1.25, 5 lbs. and over at \$1 per lb., postpaid.**



Yellow Globe Danvers Onion

MARKET-GARDENERS, AND THOSE WHO USE ONION SEED IN LARGE QUANTITIES, SHOULD WRITE US FOR SPECIAL PRICES



Southport Red Globe Onion

The Onions from Southport, Conn., generally command an extra price in New York markets because of their beautiful shape and color, due partly to the variety grown and partly to the favorable soil and the extra care taken in handling the crop. The Southport Red Globe is of medium size, spherical, with small neck, very deep, rich red in color, and of superior quality. See illustration. **Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.85, 5 lbs. and over at \$1.75 per lb., postpaid.**

Southport White Globe

Yields abundantly, producing handsome and uniformly globe-shaped bulbs. The flesh is firm, fine grained and of mild flavor. See illustration. **Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts., lb. \$2.25, postpaid.**

Southport Yellow Globe

This is of the same general character as the Southport White and Red Globes, except that the skin is a rich yellow; flesh pure white, and of a mild and delicious flavor. It is one of the most popular of the Yellow Globe Onions. These three varieties of Southport Globe Onions we have carefully bred up for years. All three Southport Onions ripen very evenly, and on this account particularly are wonderful keepers. **Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts., lb. \$1.50, postpaid.**

Extra-Early Red

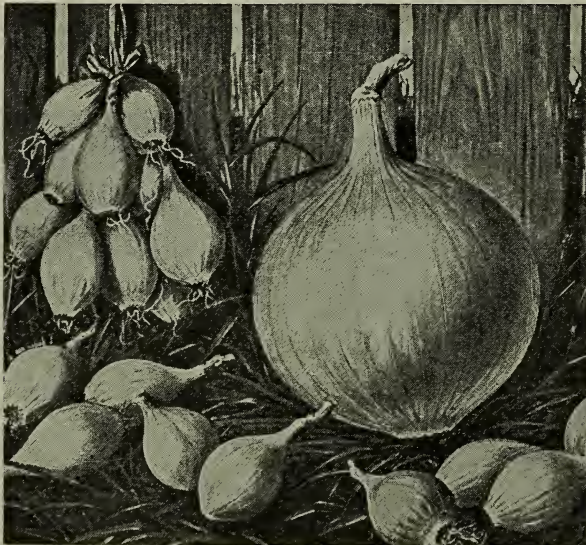
A medium-sized, flat variety, of deep red; an abundant yielder. It is very uniform in shape and size, moderate in flavor; 10 days to 2 weeks earlier than Wethersfield. Especially good for a cool climate where other varieties fail to produce full-sized Onions. **Pkt. 5c., oz. 15c., ¼lb. 40c., lb. \$1.25, postpaid.**

White Portugal, or American Silverskin

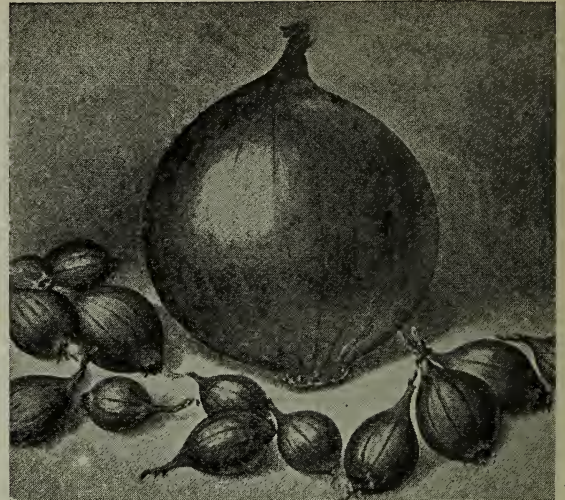
A medium-sized Onion of mild flavor; it is a good keeper and fine for fall and early winter use. **Pkt. 10c., oz. 20c., ¼lb. 60 cts., lb. \$2.25, 5 lbs. and over at \$2.10 per lb., postpaid.**

Yellow Strasburg, or Dutch

The large Onions are flat, round, thick through. Skin yellow; flesh pure white, mild flavored; productive; best for sets. **Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts., lb. \$1.35, postpaid.**



Southport White Globe Onions



Southport Red Globe Onions

Prizetaker (American-grown)

The true American-grown Prizetaker is larger and more uniform in growth than any other yellow variety. It is of beautiful appearance, with outside skin of a rich straw-color, while the flesh is white, sweet, mild and tender. The average size is 12 to 16 inches in circumference; the weight sometime reaches five pounds. **Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts., lb. \$1.50, postpaid.**

Ailsa Craig

This is the great exhibition Onion in England. It grows to an immense size, three and a half to four pounds each being frequently recorded. It is of a beautiful yellow, or straw-color, slightly pointed at each end. To obtain the best results, the seed should be sown in the hotbed and transplanted from 4 to 6 inches apart. **Pkt. 10 cts., ½oz. 20 cts., oz. 35 cts., ¼lb. \$1, postpaid.**

Large Red Wethersfield

A Leading Variety. Produces Enormous Crops of Solid, Heavy and Perfect Onions

This is a grand red variety and a general favorite. With the exception of the Yellow Globe Danvers, there is no variety so largely grown. Our stock is excellent, being saved from only carefully selected bulbs; will be found quite free from necky and misshapen bulbs, and will invariably grow to a large size under proper conditions. The surface color is a rich, dark red. It is an early variety to mature and a fine keeper. The flavor is good and mild, and it is an admirable Onion for boiling. **Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts., lb. \$1.50, 5 lbs. and over, at \$1.40 per lb., postpaid.**

ONION SETS

White and Yellow Onion Sets. Grown from our select strains. The price per bushel is subject to change with the market. Write for quotations. **Per qt., postpaid, 35 cts.**

MARTIN COPE'S SONS, Manheim, Pa., write: "We received your letter inviting us to buy our seeds from you, which we would certainly do if we were in the gardening business yet, as your seeds and manner of dealing were always very satisfactory."

KELLEY & BLUM, Harmony, Pa., write: "Your seeds have given good satisfaction and we want to put in a complete line of your loose seeds next season."

Italian and Pickling Onions

	Pkt.	Oz.	¼lb.	Lb.
ADRIATIC BARLETTA. Very early; small; pure white with silver skin; flesh mild but firm; fine for pickling.....	\$0 05	\$0 15	\$0 40	\$1 25
GIGANTIC GIBALTAR. Fairly globular in form; skin light straw-color; flesh white, tender and mild.....	10	25	80	3 00
QUEEN. Very early, small, flat, white and mild pickling Onion.....	05	15	50	1 75
SILVER KING. White-skinned Onion; immense size.....	05	15	40	1 50

OKRA, or GUMBO

	Ochre	Ocra		
	Pkt.	Oz.	1/4lb.	Lb.
BY MAIL, POSTPAID				
DWARF PROLIFIC. Of dwarf, stocky growth; very early and prolific.....	\$0 05	\$0 10	\$0 20	\$0 60
LADY FINGER. Long, slender, pale green pods; very tender. See illustration.....	05	10	20	60
WHITE VELVET. Large, round, smooth pods, never ridged; prolific.....	05	10	20	60

PARSLEY

Petersile Prezemolo
Peitroszka

CULTURE.—Soak seeds in water twenty-four hours before planting. Sow thickly early, in rows 1 foot apart, cover half an inch deep; finally thin to 5 or 6 inches apart, or transplant and cut back frequently. Five pounds to the acre.

	Pkt.	Oz.	1/4lb.	Lb.
BY MAIL, POSTPAID				
CHAMPION MOSS CURLED. Densely crimped, dark leaves.....	\$0 05	\$0 10	\$0 25	\$0 85
EXTRA CURLED EMERALD. Dwarf habit; productive.....	05	10	25	85
EXTRA DOUBLE CURLED. A popular fine dwarf.....	05	10	25	85
HAMBURG, or TURNIP-ROOTED. Fine for flavoring.....	05	10	25	85

Holmes' Ideal. Leaves ornamentally crimped; growth compressed and thick, almost a half-globe. Very robust, greatly improved by severe cutting. Stands heat, drought and cold; yields finely. Color and taste ideal.....	10	15	30	85
PLAIN. The leaves are not curled; plant very hardy.....	05	10	25	85
ITALIAN LONG SMOOTH. New. Much sought for by German truckers; true.....	10	15	35	1 00

PEPPER

Pfeffer Peperone
Pieprz

CULTURE.—Sow in hotbed in April, and in warm, settled weather transplant outdoors 18 inches apart in rows 3 feet apart, or, when all danger of frost is past, sow in open ground and thin. One ounce will produce about 2,000 plants.

	Pkt.	Oz.	1/4lb.	Lb.
BY MAIL, POSTPAID				
Early Neapolitan. Fruits may be gathered the last of June. Thick-meated, usually mild and sweet; bright red. Plants frequently carry thirty to forty handsome fruits.....	\$0 05	\$0 30	\$0 75	\$2 75
GOLDEN QUEEN. Golden yellow; sweet and delicate flavor.....	05	25	65	2 25
LARGE BELL, or BULL NOSE. Large; early; bright red; mild...	05	25	65	2 25
LONG RED CAYENNE. Late; small, bright scarlet, cone-shaped, pungent pods.....	05	25	65	2 25

New Chinese Giant. Strong, stocky growth, bushy, erect, growing 18 in. to 2 ft. high. Very prolific. Peppers very large in size; flesh thick, very mild. See illustration.....	\$0 10	\$0 35	\$1 00	\$3 50
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New Ruby Giant. Extra large; vigorous in growth; mild and sweet as an apple; makes fine salad with tomatoes.....	10	35	1 00	3 50
RED CLUSTER. Dwarf, compact; small, thin, red pods.....	05	25	65	2 25
RUBY KING. Prolific; early; ruby-crimson; flesh thick, mild, sweet. See illustration.....	05	25	65	2 25
SWEET MOUNTAIN, or MAMMOTH. Very mild flavor.....	05	25	65	2 25

PARSNIPS

Pastinake Pastinaca

CULTURE.—Sow early in spring, in drills 15 inches apart and half an inch deep in a rich soil; thin out to 6 inches apart in the rows. One ounce will sow 200 feet of drill.

Guernsey. A half-long Parsnip. Flesh fine grained; much sought for by market-gardeners because of its fine appearance....	\$0 05	\$0 10	\$0 20	\$0 60
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Holmes' Hollow Crown.

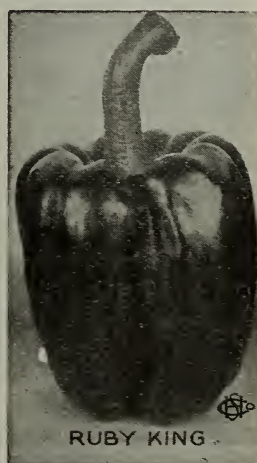
Uniformly large and handsome roots of stocky form. Flesh white, fine texture, free from core and stringiness, fine flavored. Frost improves their quality. See illustration.....

Maltese. Roots very smooth and the flesh fine grained, of most excellent quality; skin ivory-white.....	05	10	20	60
	05	10	20	70

N. B. KEENEY & SON, Le Roy, N. Y., write: "It may be of interest to you to know that the 'Holmes' Delicious' Sweet Corn seed which you sent us last spring was not planted until about the middle of June and was placed between the different varieties of beans in order to separate them. The corn, which was planted a month late, is now in good picking condition and is affording pleasure to quite a good many of our neighbors and friends. Our man goes to the farm in the morning and picks about two bushels and delivers quantities varying from six to twelve ears to our neighbors and friends as long as the supply of corn holds out. All who have reported to us regarding it seem to consider it an exceptionally fine sweet corn, and we will thank you to book our order now for a peck of seed of this variety to be delivered at your convenience during the coming winter."



Lady Finger Okra



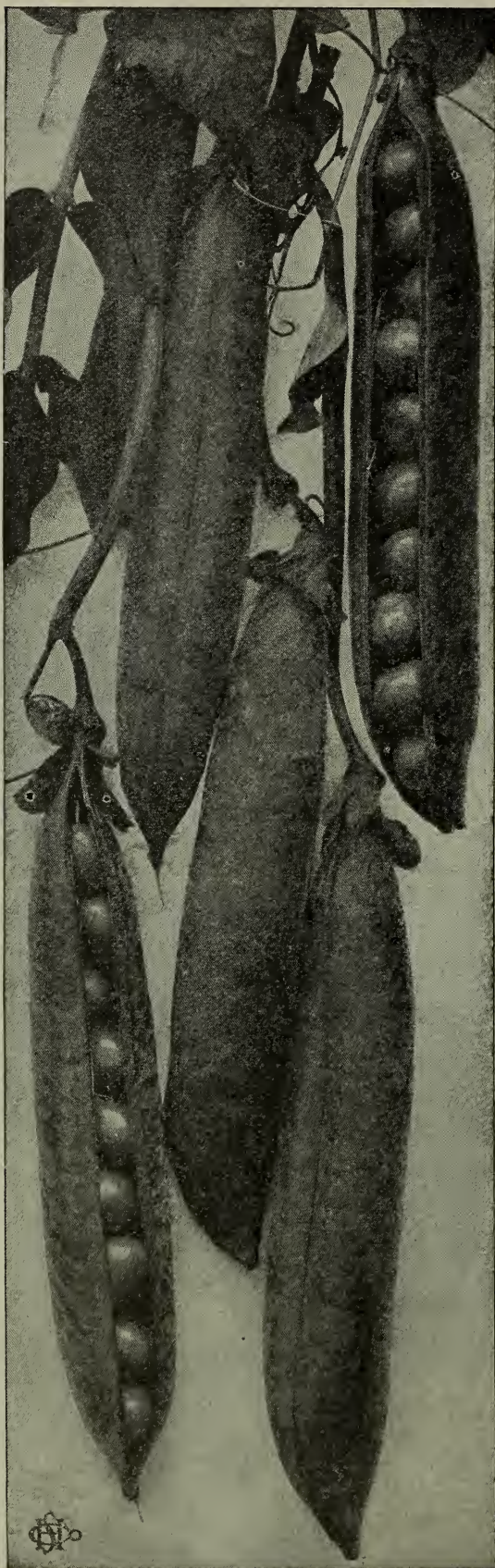
RUBY KING



CHINESE GIANT



Holmes' Hollow Crown Parsnips



New English Pea, Laxtonian

PEAS

Erbesen Pisello
Groch

NORTHERN-GROWN

Again, for the sixth year, the Pea crop is short; in fact, at this writing, there is no telling just the damage done, but we are assured that many varieties of Peas have been cut very short by reason of the frosts and snow. So beware of cheap seed.

CULTURE.—To grow for market, sow in single rows 1 inch apart and 2 to 3 inches deep, the rows from 2 to 4 feet apart. When grown in garden, sow in double rows 6 to 8 inches apart; tall sorts require brush. Begin sowing the extra-early varieties as soon as the ground can be worked in March; continue, for a succession, every two weeks until June. One quart will plant 100 feet of drill; 1 ½ bus. to the acre.

New English Pea, Laxtonian

This is the Largest Podded of All Early Dwarf Peas

A new sort of decided merit. The vines are vigorous, growing about 16 inches high, and produce a large crop of good-sized pods, averaging from nine to ten Peas to the pod. The Peas are of exquisite flavor and mature early. Many people who have tried Laxtonian consider it superior to either Gradus or Thomas Laxton, and claim it to be the best of all the early dwarf sorts. It is certainly worth a trial. See illustration. **Pkt. 10 cts., pt. 40 cts., qt. 75 cts., postpaid. By express or freight, not prepaid, qt. 50 cts., 4 qts. \$1.85, peck \$3.**

New Pea, Holmes' Pedigree Extra-Early

The Most Prolific, Earliest and Even Stock in Cultivation

By careful selection for a number of years we have developed this magnificent strain which must not be classed with the extra-earlies listed in many catalogues under various names. Being grown in the far North, and with the selection of the earliest and choicest vines, this strain has been so improved that it fully bears out our claim as the earliest, most prolific and even strain in existence. A single picking will secure the entire crop. Vines vigorous and hardy, 2 to 2 ½ feet high, bearing abundantly. **Pkt. 10 cts., pt. 25 cts., qt. 45 cts., postpaid. By freight or express, not prepaid, qt. 30 cts., peck \$1.75.**

New Pea, Gradus

ALSO CALLED EARLY TELEPHONE

Earliest Large-Podded Pea Ever Introduced; Height 3 feet; Plant Thickly

In the Gradus we have one of those long strides of progress not often found in the ordinary advancement of vegetables. The variety is an imported one, having been raised by Thomas Laxton, in England. The vine has very heavy stems, and produces uniformly large pods, measuring 4 to 4 ½ inches long, nearly round, and well filled with eight to ten large, handsome Peas. **In flavor and quality Gradus is of the highest "marrow" type, melting and sugary, retaining, when served, its bright, vivid green. Pkt. 10 cts., pt. 30 cts., qt. 55 cts., postpaid. By freight or express, not prepaid, qt. 40 cts., 4 qts. \$1.50, pk \$2.50.**

New Pea, Thomas Laxton

A new variety, producing large pods in abundance. Delicious, matures as early as the extra-early smooth Peas, and, being a wrinkled sort, is much sweeter. **Pkt. 10 cts., pt. 35 cts., qt. 50 cts., postpaid. By freight or express, not prepaid, qt. 40 cts., 4 qts., \$1.50, peck \$2.50.**

New Dwarf Champion of England

A hardy, robust and vigorous grower of handsome green pods, and the quality is unsurpassed. Height of vine 26 inches, sixty-eight days from planting. For a reliable, staple market variety we believe it will fill a long-felt want. **Pkt. 10 cts., pt. 25 cts., qt. 40 cts., postpaid. By freight or express, not prepaid, qt. 25 cts., 4 qts. \$1, peck \$1.75.**

J. H. SNYDER, BURNS, N. Y., writes: "In regard to the sample of Holmes' Wintergreen Celery which you sent us March 2, 1912, wish to say that we have given it a careful test alongside of several other green varieties from leading seedsmen and are pleased to say that this has turned out to be one of the best. Would be pleased to have you quote me price in pound lots or more on same stock as sample is from."

Grand New Garden Pea, Quite Content

A sensational novelty of England which is, without doubt, *the largest-podded Pea in existence*. At all the principal shows in England Carter's "Quite Content" is now preëminent.

It is ready for picking at the same time as the well-known Alderman, which it closely resembles, but has considerably larger pods. The vines attain the height of 5 to 6 feet; pods enormous, dark green, measuring 5 to 6 inches, and contain 8 to 12 Peas of delicious flavor. We have seen pods of this new Pea 7 to 8 inches long and fairly crowded from tip to tip with fine large tender Peas. See illustration. **Pkt. 15 cts., pt. 40 cts., qt. 75 cts., postpaid.** By freight or express, not prepaid, pt. 30 cts., qt. 55 cts., 2 qts. \$1.

Nott's Excelsior

This Pea is so well known that it requires very little description. It is one of the sweetest Peas grown, very prolific, dwarf, and for the home-garden we know of no small-podded Pea that we can recommend more highly than this. Wherever grown it seems to thrive, and the best evidence of its popularity is in its increased use. **Pkt. 10 cts., ½pt. 15 cts., pt. 30 cts., qt. 50 cts., postpaid.** By freight or express, not prepaid, qt. 40 cts., 4 qts. \$1., peck, \$1.75.

Prolific Early Market

This Pea is about four days later in maturing than our Market-Garden Extra Early, but it produces 30 to 50 per cent more Peas than any other early variety. Pods are about one-fourth to one-half longer than any of the extra-early types. Seed resembles the extra-early sorts but is somewhat wrinkled. The beauty of this particular Pea is that it comes in all at one time and can be cleaned up with one picking. **Pkt. 10 cts., pt. 25 cts., qt. 45 cts., postpaid.** By freight or express, not prepaid, qt. 35 cts., peck \$2.

New English Pea, Sutton's Excelsior

Its great merit is that it is an early, dwarf, wrinkled Pea in the front rank for earliness, yet with much larger, handsomer pods than any other dwarf wrinkled. Similar in habit of growth to Nott's Excelsior, which is one of the most popular. It holds the place in the extra-early class that is now so acceptably filled by Stratagem and Telephone in the later sorts. The height is about 12 to 14 inches, showing a great abundance of long, broad, straight pods of pale green. **½pt. 15 cts., pt. 30 cts., qt. 50 cts., postpaid.** By freight or express, not prepaid, qt. 45 cts., 4 qts. \$1.75, peck \$3.

New Pea, Ameer

Called Large Alaska in the South

Height 18 to 20 inches; habit dwarf, stocky and vigorous; color dark green. The most robust grower we know of. It is an imported variety which tested out in our trials better than any other sort of its class. This Pea comes in about the same time as the Thomas Laxton, not so large but twice as prolific. Just the Pea for the market- or home-gardener. Give it a trial. **½pt. 15 cts., pt. 30 cts., qt. 50 cts., postpaid.** By freight or express, not prepaid, qt. 40 cts., 4 qts. \$1.25, peck \$2.

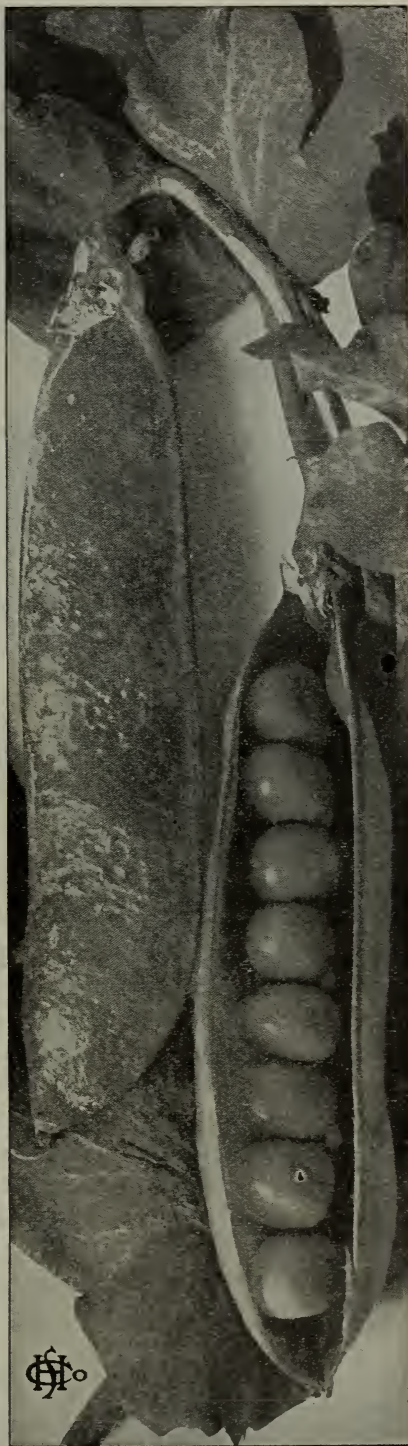
New Late Pea, Alderman

This fine second-early, wrinkled Pea has proven in our trials to be a very valuable acquisition. We predict for it a place in every catalogue and, once in the hands of the gardener, the old Telephone and Duke of Albany will be forgotten. Vines vigorous, growing about 3½ feet high, with coarse, dark-colored leaves and producing an abundance of very large, dark green pods, filled with immense Peas of delicious flavor. A splendid shipper and we recommend this to all large Pea-growers. **½pt. 15 cts., pt. 30 cts., qt. 50 cts., postpaid.** By freight or express, not prepaid, qt. 35 cts., 4 qts. \$1.25, peck \$2.

New Pea, Holmes' Masterpiece

Extra-Early Large-Podded

We have watched the behavior of this splendid Pea with much interest, for it always seemed to us that it would outrank, as a large, early Pea, the justly famous Gradus, or Prosperity, and it has. We believe this to be one of the finest and most prolific large-podded Peas ever introduced. The pods contain 8 to 10 perfectly formed Peas, and are of such large size and excellent flavor that they sell on sight at market. In quality and flavor the Peas are all that can be desired. **½pt. 20 cts., pt. 35 cts., qt. 60 cts., postpaid.** By freight or express, not prepaid, qt. 50 cts., 4 qts. \$1.50, peck \$3.



New Garden Pea, Quite Content

M. S. BOND, Danville, Pa., writes: "I feel it my duty to say something that may interest you or your patrons. I have been engaged in market-gardening for forty years, and during that time have dealt with very many of the different seed houses in different states, but my last seven years' dealings with your house have been the most satisfactory of any since I have been in the business, and everything has been as represented so far as you were responsible. I will save \$25 on my order this year besides being able to secure many varieties that I could not get elsewhere. I have just received a letter from a friend in Pike County that I recommended to you, saying that he had given you an order for \$62 worth of seeds that would have cost \$75. He is more than pleased."

B. F. KILLAM, Paupack, Pa., writes: "All the seeds I purchased from you have been very satisfactory. None have failed to grow, which is good enough."



New English Pea, Little Marvel

New English Pea, Little Marvel

Still another year's experience makes us hold this distinct new, dwarf, first-early in even higher esteem. We are sure that as soon as American gardeners, whether for pleasure or profit, become acquainted with Little Marvel, they will drop both Little Gem and Nott's Excelsior, popular as these two varieties are today. The vines, of dwarf, even growth, average 15 inches in height and are heavily set with fine pods, frequently borne in pairs. The pods average 2½ inches in length, are square at the bottom, and well filled with six to seven quite large, deep green Peas. The Peas are ready for the table fully as early as American Wonder or Nott's Excelsior, while the pods are larger and the vines produce a much heavier crop. All who desire a fine early crop of the choicest quality wrinkled Peas will be delighted with Little Marvel. See illustration. **Pkt. 10 cts., ½ pt. 20 cts., pt. 35 cts., postpaid. By express or freight, not prepaid, pt. 30 cts., qt. 50 cts., 4 qts. \$1.75, peck \$3.**

GENERAL LIST OF GARDEN PEAS

Liberal packets of any variety of Peas, 10 cts. each. Those prefixed with a * are wrinkled varieties

DWARF EXTRA EARLY Require no staking or brush BY MAIL

		POSTPAID		BY EXP. OR FRT.	
		Pt.	Qt.	NOT PREPAID	Qt.
*AMERICAN WONDER.	10 to 12 inches. Extra early; dwarf; wrinkled; finest quality.....	\$0 25	\$0 40	\$0 35	\$1 15
* Little Gem.	16 to 18 inches. Dwarf; green; wrinkled; excellent flavor	25	40	35	1 15

EXTRA EARLY, MEDIUM

ALASKA.	2 feet. Pods well filled with small, smooth, blue-green Peas.....	25	40	30	1 00
DANIEL O'ROURKE, or PHILADELPHIA EXTRA-EARLY.	3 feet. Round, smooth Pea	25	40	30	1 00
HOLMES' MARKET - GARDENERS' EXTRA-EARLY.	2 feet. Superior strain of the extra-early Peas, ripening evenly throughout.....	25	40	35	1 15

SECOND, or MEDIUM EARLY

*ADVANCER.	2½ feet. Green, wrinkled Peas; fine flavor.....	25	40	30	1 00
*ABUNDANCE.	3 feet. Large, wrinkled Peas of excellent quality.....	25	40	30	1 60
* Carter's Daisy (Dwarf Telephone).	Productive; pods long, well filled.....	25	40		
*EVERBEARING.	3 feet. Prolific; large, wrinkled Peas.	25	40	30	1 00
*HORSFORD'S MARKET-GARDEN.	2 feet. Grand wrinkled Pea; sweet.....	25	40	30	1 00
*SHROPSHIRE HERO.	3 feet. Large, wrinkled Pea; exquisite flavor.....	25	40	30	1 00

MAIN-CROP, or LATER

BLACK-EYED MARROWFAT.	5½ feet. An old favorite; prolific market Pea.....	20	30	25	80
*CHAMPION OF ENGLAND.	5 feet. Rich, marrow-like, immense, wrinkled.....	25	40	30	1 00
* Duke of Albany (American Champion).	4½ feet. Quality superlatively fine....	25	40	30	1 00
*JUNO.	2 feet. Dwarf main-crop, green, wrinkled, marrow Peas; superb flavor.....	25	40	30	1 00
LONG ISLAND MAMMOTH, or TELEGRAPH.	3½ feet. Large pods and Peas	25	40	30	1 00
PRIDE OF THE MARKET, IMPROVED.	1½ feet. Large pods.....	25	40	30	1 00
*STRATAGEM.	2 feet. Dwarf, blue, wrinkled Peas; heavy cropper; large and of excellent flavor.	25	40	30	1 00
* Telephone, Special Strain.	4½ feet. Exceedingly productive; large, wrinkled marrow Peas; rich, sugary flavor ...	25	40	30	1 00
WHITE MARROWFAT.	5½ feet. Similar to Black-eyed Marrowfat, but of better quality.....	25	40	30	1 00
*YORKSHIRE HERO.	3 feet. A spreading variety; very productive.....	25	40	30	1 00



MAMMOTH LUSCIOUS SUGAR PEA.

Sugar, or Edible-Podded Peas

The pods are cooked like string beans; if used when about half-grown they are deliciously tender and sweet.

***DWARF SUGAR.** 1½ feet. Extra-fine quality; productive and early.....

MELTING SUGAR. 5 feet. Mammoth variety; pods "snap" without string; very sweet; tender. 36 inches; pods gigantic in size, broad, sweet and tender; extremely fleshy; equal best snap beans for cooking pods and all. See illustration.....

***TALL GRAY SUGAR.** 4 feet. Immense pods; snap; 78 days.....

COWPEAS AND FIELD PEAS. See Farm Seed Department, pages 38 and 39.

BY MAIL, POSTPAID		BY EXP. OR FRT. NOT PREPAID	
Pt.	Qt.	Qt.	4 Qts.
\$0 25	\$0 45	\$0 35	\$1 25
25	45	35	1 25
35	60	40	1 50
25	45	35	1 25

PUMPKINS

Kürbis
Zucca Bania

CULTURE.—Sow in good soil in May, in hills 8 to 10 feet apart each way; or in fields of corn about every fourth hill. Avoid planting near other vines. One ounce will plant fifteen hills; one pound for an acre.

Mammoth Golden Cushaw, or Crookneck

This splendid variety is of a rich golden orange and grows to a large size; in its early stages it is dark green. The flesh is much thicker, sweeter and finer grained than in any other Pumpkin, and a deep, rich yellow. For making pies this variety is superior, while for stock-feeding and keeping purposes it has no equal. See illustration. Pkt. 5 cts., oz. 15 cts., ¼lb. 30 cts., lb. 90 cts., 5 lbs. \$4, postpaid.



Mammoth Golden Cushaw Pumpkin

Jumbo, or Mammoth Potiron

No other Pumpkin ever introduced has reached such enormous weights and been awarded so many prizes. Hundreds of our customers have raised specimens weighing over one hundred and fifty pounds each. It frequently attains a diameter of over 4 feet. The flesh and skin are golden yellow, and, notwithstanding its enormous size, it makes a good table Pumpkin.....

CHEESE. The most popular for pies and table use; large, flat, round; creamy yellow skin; thick orange flesh of fine quality.....

CONNECTICUT FIELD. A productive, large, orange-colored field Pumpkin, usually grown for stock-feeding but it also makes good pies.....

SMALL SUGAR. A handsome and productive small Pumpkin; 10 to 12 inches in diameter; round, flattened; skin orange; flesh deep yellow, fine grained and very sweet.....

WINTER LUXURY. A superior pie Pumpkin; small, but enormously productive and an excellent keeper; shape round-oblong, about 10 inches in diameter; golden russet, finely netted; flesh deep golden, sweet and tender.....

IMPROVED GREEN-STRIPED CUSHAW. Improvement on White Cushaw, green and white striped; flesh rich yellow, solid, fine grained, thick and sweet.....

QUAKER PIE. Shape nearly oval. Cream-colored skin and flesh; fine quality.....

TENNESSEE SWEET POTATO. Bell-shaped; white flesh, very thick and sweet.....

JAPANESE. Surpasses all others in flavor. Flesh thick, salmon-colored, fine grained, sweet.....

Pkt.	BY MAIL, POSTPAID			
	Oz.	¼lb.	Lb.	
\$0 05	\$0 20	\$0 40	\$1 50	
05	10	20	60	
05	10	15	40	
05	10	25	75	
05	10	25	85	
05	10	25	85	
05	10	25	80	
05	10	30	1 00	

NORTHERN-GROWN SEED POTATOES

Kartoffel

Standard varieties of Seed Potatoes weigh 165 pounds to the bag. Plant 10 bushels to the acre. Finest select stock

BLUE VICTOR. Round; blue skin; productive; white flesh. Lb. 30 cts., by mail, postpaid. By express or freight, not prepaid, peck 75 cts., bus. \$1.75, bbl. \$5.

CARMAN NO. 3. Best late sort; yields heavily. Lb. 25 cts., by mail, postpaid. By express or freight, not prepaid, peck 60 cts., bus. \$1.75, bbl. \$5.

EARLY FORTUNE. Is very productive; pink with light spots. Lb. 30 cts., by mail, postpaid. By express or freight, not prepaid, peck 75 cts., bus. \$1.75, bbl. \$5.

EARLY HARVEST. An unusually heavy yielder; excellent quality. Lb. 30 cts., by mail, postpaid. By express or freight, not prepaid, peck 75 cts., bus. \$1.75, bbl. \$5.

HOLMES' IMPROVED EARLY OHIO. The earliest and a very productive variety. Lb. 30 cts., by mail, postpaid. By express or freight, not prepaid, peck 75 cts., bus. \$1.85, bbl. \$5.25.

IRISH COBBLER. Very large; white; heavy cropper, excellent quality. Lb. 30 cts., by mail, postpaid. By express or freight, not prepaid, peck 75 cts., bus. \$1.75, bbl. \$5.

MAINE ROSE. The best variety of the Rose type. Lb. 30 cts., by mail, postpaid. By express or freight, not prepaid, peck 75 cts., bus. \$1.75, bbl. \$5.

QUICK CROP. Early; vigorous grower; fine flavor. Lb. 30c., by mail, postpaid. By express or freight, not prepaid, peck 75c., bus. \$1.75, bbl. \$5.

RURAL NEW YORKER. The tubers are large; late. Lb. 25 cts., by mail, postpaid. By express or freight, not ppd., peck 75 cts., bus. \$1.75, bbl. \$5.

SIR WALTER RALEIGH. New, valuable variety; late. Lb. 25c., by mail, postpaid. By express or freight, not ppd., peck 75c., bus. \$1.75, bbl. \$5.

VERMONT GOLD COIN. Excellent flavor; fine grained; fine for general crop. Lb. 25 cts., by mail, postpaid. By express or freight, not prepaid, peck 75 cts., bus. \$1.75, bbl. \$5.

WHITE ELEPHANT. Flesh-colored skin; white flesh; fine quality. Lb. 25 cts., by mail, postpaid. By express or freight, not prepaid, peck 75 cts., bus. \$1.75, bbl. \$5.



Maine Rose Potato

THE ABOVE PRICES ARE SUBJECT TO
CHANGE WITHOUT NOTICE



White Strasburg Summer Radishes

RADISHES

Radies Ravenello Rzodkiew

Our stock of Radishes is French-grown. Being sown in beds and transplanted, we are positive of having straight sorts.

CULTURE.—Radishes delight in light, rich, mellow soil, and to be crisp and tender, must make rapid growth. For very early use, sow in a gentle hotbed in January, and continue sowing every two weeks until September, in drills 10 inches apart, thinning plants to 2 inches apart. Sow winter Radishes in midsummer, and take up before severe frosts and store in sand or earth in a cool cellar. One ounce will sow 100 feet of drill; 10 pounds in drills will sow an acre.

White Strasburg Summer

This variety is now the most popular summer Radish. Both skin and flesh are pure white, almost transparent, and of a delightful, pungent taste. It can be pulled five weeks from time of sowing, yet it will continue to grow without losing its fine quality and remains tender longer than any other summer sort. See illustration. **Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 85 cts., postpaid. By express, not prepaid, lb. 75 cts., 5 lbs. \$3.**

Vick's Early Scarlet Globe

The roots of this Radish are slightly olive-shaped, a rich, bright scarlet in color; flesh tender and white. It is fit to pull among the very earliest, and is much larger than most of the extra-early Radishes. We especially recommend this to gardeners whose market demands a large, first-early forcing Radish. **Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 85 cts., postpaid.**

New White Icicle

The Finest-Flavored Quick-Growing Radish Now in Cultivation

We have no hesitancy in saying it is one of the finest, long, white, forcing Radishes known. The name is derived from the almost transparent whiteness of the root, which has no comparison among all existing Radishes. Leaves are short; taste is exceedingly fine. If well cultivated, Icicle produces its 3½- to 4-in., cylindrical roots within twenty-two days from date of sowing. This means the acme of crispness. We find that for successive planting Icicle succeeds as well in midsummer as when sown early; even in an advanced state it retains its fine flavor, never becoming woody. See illustration. **Pkt. 5 cts., oz. 15 cts., ¼lb. 35 cts., lb. \$1, postpaid.**

Crimson Giant Forcing

A new early Turnip Radish, double the size of any of the early turnip-shaped type. This variety develops to 6 and often 7 inches in circumference, weighing up to an ounce, or about four times the weight of similar sorts; but, notwithstanding its immense size, does not get hollow or pithy, the flesh remaining sparkling white, solid, crisp and juicy, and of the mildest flavor. The shape of the bulb varies between round and almost oval, but the bright deep crimson of the skin is constant. Excellent for forcing and open ground. **Pkt. 10 cts., oz. 15 cts., ¼lb. 35 cts., lb. \$1.25, postpaid.**

Holmes' Royal Red Forcing

Best for forcing in- or outdoors; quick grower; makes Radishes in three weeks. Globe-shaped; deep red; crisp and tender; tops small. The beautiful color and shape of this Radish make it a very attractive table relish. **Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts., lb. 90 cts., postpaid.**

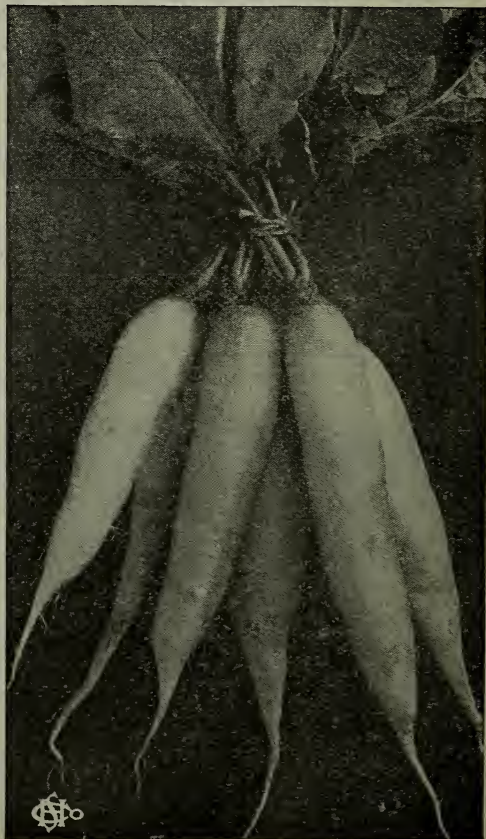
Early Scarlet Turnip White-Tipped

Handsome; a little later than the extra-early forcing Radishes, but will give entire satisfaction where extreme earliness and small top are not the chief consideration. Roots slightly flattened on the under side; color very deep scarlet with a distinct white tip; flesh white and of the best quality; fine flavored, crisp, juicy, solid, and with never a hint of pithiness. This is an excellent variety, both for home and market purposes. **Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts., postpaid.**

MR. W. T. SAVAGE, Portsmouth, Pa., writes: "You have as good a strain of seed as I ever saw grow, especially your Cucumber seed. There was a seed man at my house and he looked at my cucumbers just before the blight struck them and he said that it was as good a strain as he ever saw."

WILMER E. DEIBERT, Klingerstown, Pa., writes: "I received the Sprayers safely and am well pleased."

HENRY RIEGEL, New Bloomfield, Pa., writes: "The Alfalfa seed I purchased of you is fine. It is growing in good shape."



Holmes' French-grown Icicle Radish



EARLY ROUND, or TURNIP-SHAPED RADISHES

	Pkt.	BY MAIL, POSTPAID			
	\$0 05	Oz.	1/4lb.	Lb.	
EARLY ROUND DARK RED. Rich, dark red; medium, uniform.....	05	\$0 10	\$0 20	\$0 75	
EARLY SCARLET TURNIP. Medium; bright scarlet; mild flavor.....	05	10	20	75	
Felton's Model White Box. Possesses the good qualities of Philadelphia White Box, but is handsomer and earlier.....	05	10	25	85	
SCARLET BUTTON. Small; round; bright scarlet, white tip.....	05	10	20	75	

EARLY OLIVE- AND OVAL-SHAPED

FRENCH BREAKFAST. Oval; bright scarlet; white tip.....	05	10	20	75
Holmes' Dainty Forcing. Three weeks; sweet, tender and crisp.....	05	10	20	75
SCARLET OLIVE-SHAPED. Half-long; bright scarlet; flesh white.....	05	10	20	75
SURPRISE. Earliest yellow; fine for early or summer.....	05	10	20	75
WHITE OLIVE-SHAPED. Similar to Scarlet Olive-shaped.....	05	10	20	75
YELLOW OLIVE-SHAPED. Second-early; skin golden yellow; tender.....	05	10	20	75

EARLY LONG

CININNATI MARKET, or GLASS. Long; scarlet; straight; small top.....	05	10	20	75
LONG BRIGHTEST SCARLET. Scarlet, tipped white, mild flavor.....	05	10	20	75
LONG WHITE VIENNA, or LADY FINGER. Mild and tender.....	05	10	20	75
Pearl Forcing. Skin pure white; very early.....	05	10	20	75
WOOD'S EARLY FRAME. A favorite for frame culture.....	05	10	20	75
Early Long Scarlet Short-Top Improved. Smooth; bright red; crisp and tender....	05	10	25	85

SUMMER AND AUTUMN

Chartier. Summer Radish; long; large; handsome; flesh white; delicious.....	05	10	20	75
GIANT WHITE STUTTGART. Turnip-shaped summer Radish; tender, mild.....	05	10	20	75
HALF-LONG DEEP SCARLET, or PARIS BEAUTY. Bright; crisp flesh.....	05	10	20	75
WHITE SUMMER TURNIP. A flat, round, early summer Radish.....	05	10	20	75

WINTER

CALIFORNIA MAMMOTH WHITE. A favorite winter Radish.....	05	10	20	75
LONG BLACK SPANISH. A leading winter variety; excellent keeper.....	05	10	20	75
ROSE CHINA WINTER. Skin rosy red; flesh white and firm.....	05	10	20	75
ROUND BLACK SPANISH. Roots round; skin black; flesh white.....	05	10	20	75
White Chinese (CELESTIAL). The true stock is stump-rooted. Although a winter Radish, it can also be grown for late summer. Flesh firm, solid and pure white, crisp and juicy; mild.....	05	10	25	80

RHUBARB (Pieplant) Rhabarber Rababarbo

Spring-sown seed produces plants of good size to pull from the following spring; planting roots saves one year.

VICTORIA. A very large, thick, red-stalked late variety of fine quality.....	10	20	40	1 25
RHUBARB ROOTS. We can also supply young roots of this variety, which, if planted in good soil early in the spring, will make a strong growth and yield stalks for market the following spring. Doz. 75 cts., 100 \$5, 1,000 \$35, by freight or express, not prepaid.				

SQUASHES

Kurbisz Zucca
Miekusz

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Boston Marrow. Fall and winter variety; large; oval form; skin thin; bright orange, with netting of light cream-color, flesh rich salmon-yellow; fine grained; excellent flavor.....	\$0 05	\$0 15	\$0 30	\$0 85
FORDHOOK. Early; sweet; dry; good summer variety; oblong.....	05	15	40	1 00
GOLDEN CUSTARD, or YELLOW BUSH (Cymlin). Mammoth scalloped bush; extra quality...	05	15	30	85

Golden Hubbard. A true Hubbard except in color, which is bright red. Wonderfully productive, fruits weigh six to eight pounds; shell warty and strong; flesh deep orange to shell; cooks very dry; good flavored. Pkt. 5 cts., oz. 15 cts., 1/4lb. 40 cts., lb. \$1, by mail, postpaid.

IMPROVED HUBBARD. One of the best winter Squashes; flesh bright orange-yellow, fine grained, very dry. Pkt. 5 cts., oz. 15 cts., 1/4lb. 35 cts., lb. 85 cts., by mail, postpaid.

Mammoth White Bush Scallop.

Fruit beautiful, clear waxy white; superior in size and beauty. Pkt. 5 cts., oz. 15 cts., 1/4lb. 30 cts., lb. 75 cts., by mail, postpaid.

MAMMOTH YELLOW SUMMER CROOKNECK. Vine larger and stronger than the old Summer Crookneck and producing fruit fully twice as large, deeper colored and with rough surface. Pkt. 5 cts., oz. 15 cts., 1/4lb. 35 cts., lb. 85 cts., by mail, postpaid.

AUTUMN AND WINTER

DELICIOUS. (Gregory.) Fine quality; excels any in flavor. Pkt. 5 cts., oz. 15 cts., 1/4lb. 30 cts., lb. 75 cts., by mail, postpaid.

LARGE-WARTED HUBBARD. Large size; productive; hard green, warty shell. Pkt. 5 cts., oz. 15 cts., 1/4lb. 35 cts., lb. 85 cts., by mail, postpaid.

MAMMOTH CHILI. Often weighs 200 lbs.; flesh rich; fine flavored. Pkt. 5 cts., oz. 20 cts., 1/4lb. 40 cts., lb. \$1, by mail, postpaid.



Mammoth White Bush Scallop Squash



Mammoth Sandwich Island Salsify

large. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50, by mail, postpaid.

Long Season. Can be grown successfully in hot weather without going quickly to seed. Leaves are very dark green, and grow in a thick, rounded cluster; tender and succulent, remain fresh and crisp for a considerable time after cutting. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 60 cts., by mail, postpaid.

LONG-STANDING. Excellent; compact; thick, fleshy, dark green leaves. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 15 cts., lb. 35 cts., by mail, postpaid.

NEW ZEALAND. Abundant; never cooks stringy. Pkt. 5c., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, by mail, postpaid.

ROUND-LEAVED. Thick, round, succulent leaves. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 15 cts., lb. 35 cts., postpaid.

***THICK-LEAVED.** Produces large, thick, bright green, crumpled leaves. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 15 cts., lb. 35 cts., by mail, postpaid.

VICTORIA. Very heavy, broad, deep green leaves, crumpled. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 15 cts., lb. 35c., postpaid.

SALSIFY (Vegetable Oyster)

Haferwurzels Sassefrica Jarzynowa

CULTURE.—It succeeds best in light, well-enriched soil. Sow early and quite deep. The roots are perfectly hardy and may remain out all winter, but should be dug early in spring. One ounce for 75 feet of drill. Ten pounds to the acre.

LARGE WHITE. Common variety; medium-sized, smooth; flesh white. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 90 cts., by mail, postpaid.

Mammoth Sandwich Island. Larger and less liable to branch than Large White. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, by mail, postpaid.

SPINACH Spinat Spinace

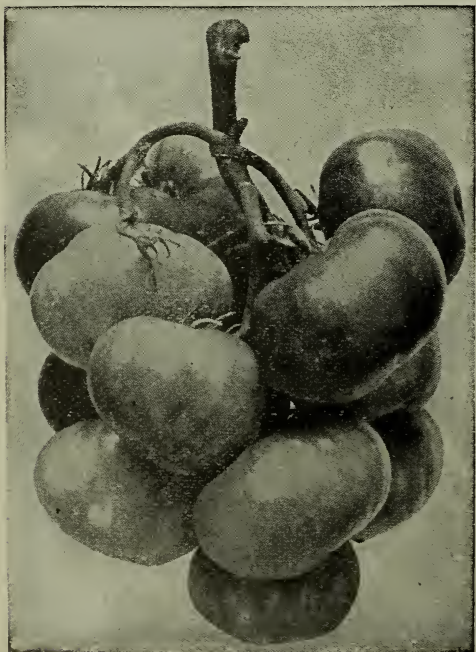
CULTURE.—Sow in early spring in drills a foot apart, every two weeks for a succession, and thin out for use. For fall use, sow in August; for winter, in September. Cover with straw or leaves in winter. Varieties prefixed (*) may be sown in the fall for spring crop. One ounce will sow 100 feet of drill. Twelve pounds to the acre in drills.

***Bloomsdale,** or **NORFOLK SAVOY.** Fall planting; fleshy; curled; hardy. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 15 cts., lb. 35 cts., by mail, postpaid.

G I A N T E S K I M O
New. A variety we imported from Japan; very



Spinach



Holmes' Everbearing Tomato

Holmes' Everbearing Tomato

THE EARLIEST, LARGEST, MOST PROLIFIC AND MEATIEST RED TOMATO GROWN

This wonderfully prolific new Tomato was originated by Mr. J. A. Smith, of Harrisburg, and was illustrated in one of the Harrisburg daily papers, July 20, 1912. Mr. Smith is in the Division of Zoölogy of the State and takes delight in experimenting and producing new vegetables. The illustration is from a photograph of one stem bearing 17 fine, large fruits, and weighing $7\frac{3}{4}$ pounds. The clusters will average 15 fine large red or scarlet Tomatoes, and the beauty of it is that they all run about the same size and absolutely free from the acidic taste so common in most varieties. The seed-cavities are exceedingly small, and we believe it to be the meatiest Tomato grown. This Tomato combines all the good qualities of each parent—earliness of the Earliana, size from Ponderosa, and color and smoothness of the Stone.

In creating this wonderful Tomato, seed from a perfect specimen of a cross of Ponderosa and Earliana was planted in the spring of 1911. One good, vigorous plant was selected as the parent, and as the blossoms appeared the first ones were entirely removed. The second set which appeared, except three, were removed, and as soon as these three began to show signs of yellow, they were prepared for pollination and carefully bagged. This second set of blossoms came along at the same time as did the Stone variety. The Stone pollen was applied and then again carefully bagged. Only one Tomato was permitted to mature on this plant, which was very large and a perfect specimen. The seed from the above cross was planted in the spring of 1912, and of six plants planted all have ripened Tomatoes like the illustration, and have not been without ripe fruit throughout the season. When cut by the frost there was still plenty of green fruit on them.

N.B.—This Tomato is absolutely controlled by the Holmes Seed Co., and no other seed house can offer it before we put it out.

Prices, per packet 15 cts., 2 pkts. 25 cts., per $\frac{1}{4}$ oz. 50 cts., oz. \$1.50.

C. C. MOWRIS, South Lima, N. Y., writes: *Your celery seed of 1912-1913 was the best we had.*

TOMATOES

Liebesapfel Pomo d'oro
Pomidor

All our Tomato seeds are from seed stocks carefully selected. We challenge comparison with any offered.

CULTURE.—Tomatoes do best on light, warm, not over-rich soil. Sow in hotbeds from six to eight weeks before they can be set out-of-doors; when the plants have four leaves transplant into shallow boxes or coldframes, setting them 4 or 5 inches apart. Set out-of-doors as soon as danger from frost is over. The fruit will be better in quality if the vines are tied to trellis or stakes.

One ounce for 1,500 plants, ¼lb. for an acre



Holmes' Early Wonder Tomatoes

HOLMES' EARLY WONDER

New. Bright red; large; perfectly smooth; coming in about the same time as the Earliana, but somewhat larger and considerably smoother, having very small seed cavities and plenty of meat, ripening entirely to the stem. We believe this to be one of the best varieties grown today for the market-gardener as well as for the home-gardener. Pkt. 10c., oz. 75 cts., ¼lb. \$2, lb. \$6.

Enormous. Most large grow rough and of bad shape for slicing, but these giants are smooth, round, solid and with few seed. A standard main-crop Tomato of great size. "Everybody is buying it." Pkt. 10 cts., oz. 35 cts., ¼lb. \$1, lb. \$3.50.

Stokes' "Bonny Best Early."

Nearly as early as Earliana; color intense scarlet and ripening even up to the stems; round Pkt. 50 05 \$0 30 \$0 85 \$3 00

and slightly flattened at the stems. Of good size and uniform. Good for early, medium and late crop. 05 20 60 2 00

ACME. Early; medium sized; smooth; solid; prolific; purplish pink. 05 20 60 2 00

BEAUTY. Early, prolific; medium-sized; smooth; solid; purplish red. 05 20 60 2 00

BUCKEYE STATE. Large; solid; meaty; deep purple; heavy cropper. 05 20 60 2 00

Chalk's Early Jewel. One of the best for main crop. Bright scarlet; very solid; fine flavor. 10 30 90 3 00

Crimson Cushion Immense size; smooth; solid; crimson-scarlet; meaty. 10 35 1 00 3 50

CRINE'S JUNE PINK. Extra early; fruit smooth, about 3 inches in diameter, almost round; flesh solid; finely flavored; free from acidity. 10 35 1 00 3 50

Dwarf Champion. Early; prolific; smooth; medium sized; pinkish purple. 05 35 85 2 75

EARLY PARAGON. Bright red, standard for market and canning. 05 30 75 2 00

Cumberland Red. Color bright red; medium early. 10 50 1 25 3 50

FAVORITE. Large; solid; smooth; bright scarlet; ripens evenly. 05 30 75 2 00

GOLDEN QUEEN. Large; handsome form; beautiful clear yellow color. 05 30 75 2 00

LIVINGSTON'S CORELESS. Bright red; immense clusters; mild acid flavor. 05 35 85 2 75

Livingston's Dwarf Stone. Resembles Livingston's Stone in color and shape. Specimen fruits weighing one pound are common. More productive and as early as New Dwarf Stone. Pkt. 5c., oz. 35c., ¼lb. 75c., lb. \$2.75.

Livingston's New Globe. Globe-shaped; early; large size; smooth; firm-fleshed; color glossy rose, tinged purple; very delicate. Pkt. 5c., oz. 35c., ¼lb. 85c., lb. \$2.75.

Matchless. Fruit large, smooth, free from core; rich cardinal red. Pkt. 5 cts., oz. 35 cts., ¼lb. 85 cts., lb. \$2.75.

PERFECTION. Smooth, tough skin of brilliant scarlet; solid; rich flavor. Pkt. 5 cts., oz. 30 cts., ¼lb. 75 cts., lb. \$2.

PONDEROSA. The largest Tomato of all. Pkt. 5 cts., oz. 35 cts., ¼lb. \$1, lb. \$3.50.

Sparks' Earliana. Remarkable for earliness, large size, handsome shape and bright red color; solid; fine quality. Pkt. 5 cts., oz. 35 cts., ¼lb. 85 cts., lb. \$3.

Stone. Fruit round, apple-shaped; very large; deep red; heavy. Pkt. 5 cts., oz. 35 cts., ¼lb. 75 cts., lb. \$2.75.

TROPHY. Extra selected; an old favorite. Pkt. 5 cts., oz. 30 cts., ¼lb. 75 cts., lb. \$2.75.

TRUCKERS' FAVORITE. Reddish purple; fleshy; vines strong and vigorous. Pkt. 5 cts., oz. 30 cts., ¼lb. 75 cts., lb. \$2.75.

YELLOW PLUM, YELLOW PEAR, RED PEAR. For preserving. Pkt. 5 cts., oz. 35 cts., ¼lb. 85 cts., lb. \$3.

ALL PRICES OF TOMATO SEED ARE BY MAIL, POSTPAID



Livingston's New Globe Tomato



Early Purple-Top Strap-Leaved Turnip

WHITE-FLESHED TURNIPS, continued

EARLY WHITE FLAT DUTCH. Standard early, white flat Turnip. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., by mail, postpaid.

EXTRA-EARLY PURPLE-TOP MILAN. All in all, these Milan Turnips leave little to be desired in the way of an extra-early garden Turnip. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., by mail, postpaid.

Purple-Top White Globe. Nearly as large as Pomeranian White Globe; white flesh; excellent; equally desirable for table or stock. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., by mail, postpaid.

WHITE EGG. Oval, or egg-shaped, firm; mild, sweet and very tender. Pkt. 5c., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., by mail, postpaid.

WHITE GLOBE. Globe-shaped; early, mild and tender. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c., by mail, postpaid.

Yellow-Fleshed Varieties

GOLDEN BALL, or ORANGE JELLY. Medium size. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c., by mail, postpaid.

PURPLE-TOP YELLOW ABERDEEN. Large, globe-shaped. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c., by mail, postpaid.

Yellow, or Amber Globe. Yellow-fleshed globe-shaped; large. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., by mail, postpaid.

RUTABAGA (Russian, or Swedish Turnip)

Two to three pounds to acre

IMPROVED AMERICAN PURPLE-TOP. Old popular standard; rich flavor. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., by mail, postpaid.

TABLE TURNIPS

Weisse Rube Ravone Rzoper Crukiew

In fall and winter stock need Turnips and Rutabagas to keep them in good condition. There are a great many varieties, but our list comprises the best for the garden or farm.

CULTURE.—Sow half an inch deep in rows about 2 feet apart, or sow broadcast. Weed and thin out, so the young plants will not be checked and injured. Get spring and summer crops started very early. In the Middle and Western States, sow for fall and main crop from middle of July to last of August.

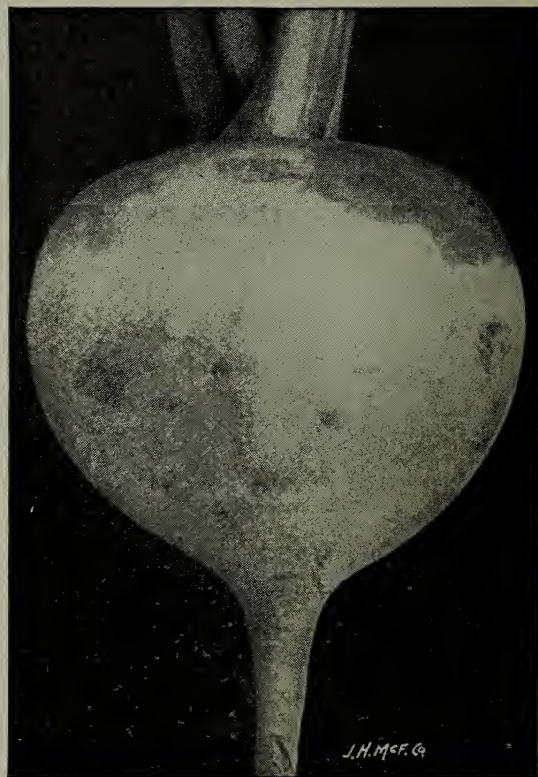
One ounce for 100 feet of drill. Two pounds per acre broadcast

White-Fleshed Varieties

COW HORN, or LONG WHITE. Carrot-like in form, slightly crooked. Delicate and well flavored; valuable as a market sort for fall and early winter, also for turning under. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., by mail, postpaid.

Early Purple-Top Strap-Leaved.

Early; favorite for table use; medium size; flesh white. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c., by mail, postpaid.



Purple-Top White Globe Turnip

Sweet, Pot and Medicinal Herb Seeds

No garden is complete without a few Herbs for culinary or medicinal purposes. These should be harvested on a dry day, just before they come into full bloom, then dried quickly and packed closely, excluding the air.

	Pkt.	BY MAIL, POSTPAID			
		Oz.	$\frac{1}{4}$ lb.	Lb.	
Anise (Grüner anis). For garnishing, cordials and flavoring.....	\$0 05	\$0 10	\$0 25	\$0 90	
Balm (Citronen-Melisse). For tea and balm wine; useful in fevers.....	05	20	60	2 00	
Basil. Sweet (Basilikum). Used for soups, stews and sauces.....	05	20	60	2 00	
Caraway (Feld Kümmel). Used in confectionery, cakes and medicine.....	05	10	25	90	
Coriander. For garnishing; seeds are aromatic, used for flavoring.....	05	10	25	75	
Dill. Aromatic seeds, used in pickles, preserves, soups, sauces.....	05	10	25	75	
Fennel (Fenchel). Leaves used for fish sauces, and garnishing; seed in confectionery and for flavoring liquors.....	05	10	25	75	
Horehound. For tonic and cough.....	05	15	40	1 50	
Lavender. (Lavendel). Popular aromatic herb; delightful perfume.....	05	35	1 00	3 50	
Marjoram, Sweet (Marjoran). Used for seasoning.....	05	20	60	2 00	
Sage (Salbei). Leaves used in dressings and sauces.....	05	20	60	1 60	
Savory, Summer. Used for seasoning, flavoring soups and dressings.....	05	15	40	1 50	
Savory, Winter (Bohnenkraut). Leaves used for flavoring.....	05	25	75	2 50	
Thyme, Broad-leaved (Thymian). Used for seasoning; also as bee food.....	05	40	1 25	4 00	



Holmes' Early Golden Surprise Corn

Holmes' Thoroughbred Field Corn

Our seed is well cured and true to name. It pays to renew your seed stock of Field Corn. Do not inbreed. Varieties offered have all been grown from finest selected stock seed. Long grains, small cob, long ear, well-filled butt, grains uniform, vigorous stalks, two and three perfect ears to each stalk—these are some of the important things to watch in getting Seed Corn. Even the stalks from which seed ears are pulled should be carefully chosen. All of our seed is grown, harvested and raised with these things in mind, and it is good seed in every way.

Holmes' Early Golden Surprise

90-DAY FIELD CORN

Grown by the Originator

Incomparable in solidity, uniformity, development of the tip and butt, extraordinary yield, universal satisfaction. Its vitality is so great that neither wet nor dry weather noticeably influences its growth and maturity. Produces a great quantity of superior-quality shelled Corn on account of extreme smallness of cob and depth of grain. Cobs may be inserted in an ordinary finger-ring. Rich golden color; 63 pounds of ears produced 56 pounds of shelled Corn; vigorous grower, with short, strong stalks and an abundance of foliage, which makes excellent fodder. It matures uniformly in 90 days from planting. Large pkt., by mail, postpaid, 10 cts., lb. 30 cts., 3 lbs. 70 cts. By freight or express, not prepaid, qt. 15 cts., pk. 75 cts., 1/2 bus. \$1.25, bus. \$2.25, 2-bus. sack, \$4.25, 10 bus. and over, \$2 per bus.

Improved Mastodon

One of the largest-eared varieties of early Dent Corn, and has largest grains. Nothing surpasses it in number of rows on cob, and in depth of grain. It makes fine-looking shelled Corn. This Corn has ripened in 110 days within eighty miles of Lake Erie. Qt. 15 cts., 4 qts. 40 cts., pk. 75 cts., bus. \$2, 2 bus. and over, \$1.85 per bus.

Iowa Gold Mine. Ears are not excessively large, but of good size. Color a bright golden yellow. Grain deep, cob small, and dries out nearly as soon as it ripens. Qt. 15 cts., 4 qts. 35 cts., pk. 60 cts., bus. \$2, 2 bus. and over, \$1.85 per bus.

Reid's Yellow Dent. The ears are large and deep grained. Color a deep yellow. Generally produces two ears to a stalk. Qt. 15 cts., 4 qts. 35 cts., pk. 60 cts., bus. \$2, 2 bus. and over, \$1.85 per bus.

Golden Beauty. Large, broad grain, small cob, rich golden yellow color. Qt. 15 cts., 4 qts. 35 cts., pk. 60c., bus. \$2, 2 bus. and over, \$1.85 per bus.

Holmes' Early Golden Dent. Extra early; beautiful, golden yellow color. Golden Dent is in demand with feeders who want something to be used as a starter for stock fed in the pastures during the fall. Qt. 15 cts., 4 qts. 40 cts., pk. 75 cts., bus. \$2, 2 bus. and over, \$1.85 per bus.

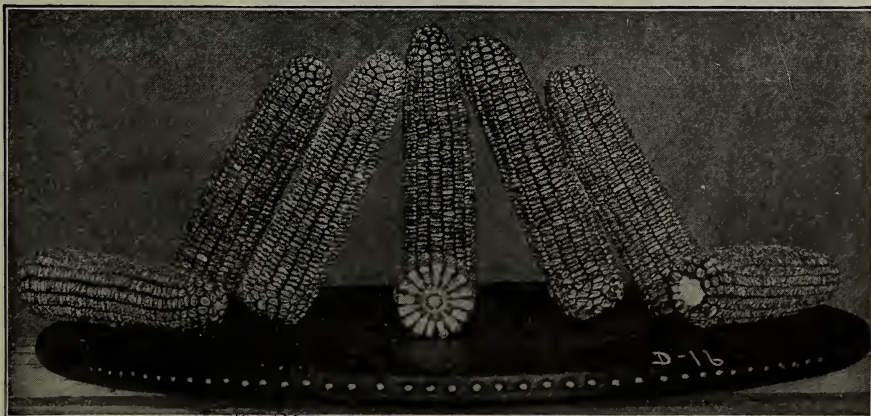
White Cap Yellow Dent.

This valuable new Corn originated with C. S. Clark, one of the largest Corn growers in the state of Ohio, and a man who has originated more varieties of Corn than any other person in that state. The White Cap Yellow Dent Corn is among our earliest varieties to ripen, and can safely be planted as far north as Wisconsin. The stalks are only medium in height, about 8 feet, but they are well set to the ground and nearly always bear two good ears each. The ears are from 8 to 10 inches in length, unusually well filled at both ends. The grains are good depth, outside or cap nearly white, but a rich golden color when shelled. It makes a handsome corn meal when ground, and is exceedingly rich in fattening properties. From our own experience with the White Cap Yellow Dent Corn, we can cheerfully recommend it to our customers as one of the most valuable kinds of medium-early varieties to plant. We offer the genuine seed as follows: By mail, postpaid, large pkts. 8 cts., lb. 25 cts., 3 lbs. 65 cts. By express or freight, not prepaid, pk. 75 cts., 1/2 bus. \$1.25, bus. \$2, 2 bus. \$3.75; 10 bus. and over, \$1.75 per bus.

Gold Standard Leaming.

We have increased the size of ears and percentage of grain by breeding from the original J. S. Leaming Corn; also depth and roughness of kernel, and feeding value by increase of protein and fat. The ears range from 9 to 11 inches long, 7 1/2 to 8 inches in circumference, weighing 12 to 17 ounces. The stalks range from 9 to 12 feet in height, are well developed below the ear and slender above. They are very valuable for ensilage, and thrive well on soils where many other varieties fail. It is an immense yielder. Qt. 15 cts., 4 qts. 35 cts., pk. 60 cts., bus. \$2, 2 bus. and over, \$1.85 per bus.

Our plain, practical advice is at the service of prospective planters at all times. If you want to know anything, ask Mr. Holmes, personally or by mail.



Gold Standard Leaming Corn

Prices on all Seed Corn and Field Seeds subject to change without further notice.

New Keystone Mammoth Pride Corn

Absolutely drought-proof. The most productive; bears largest ears and is absolutely drought-proof. The stalks grow uniformly about 10 to 12 feet high, with ears set rather low for such tall fodder, making it very easy for husking. It matures in about 115 days, and the large, handsome ears vary from 10 to 18 rows each, the most of them having 16 rows of deep grains, which are of a rich golden yellow color. It has a red cob, thus denoting its healthy character; cobs are remarkably small for such mammoth ears, being only $1\frac{1}{4}$ inches thick. This grand new Corn can only be obtained from us. **By express or freight, at purchaser's expense, qt. 20 cts., pk. 75 cts., $\frac{1}{2}$ bus. \$1.25, bus. \$2.25, 2-bus. bag, \$4.25, 10 bus. \$20, sacks included.**

Drought-proof Yellow Dent. Golden deep grains; small cob; large ears. $\frac{1}{2}$ pk. 40 cts., pk. 75 cts., bus. \$2, 2 bus. \$3.75.

Long's Champion Yellow Dent. The king of all Field Corns. The average yield for the past ten years on 70 to 90 acres was 125 bushels per acre; largest yield, 160 bushels shelled Corn per acre. Ears 12 to 14 inches long, 8 to 10 inches in circumference, 20 to 24 rows. Strong growth, 12 to 15 feet high. Selected seed direct from the originator's own stock. $\frac{1}{2}$ pk. 50 cts., pk. \$1, bus. \$3.50, 2 bus. \$6.25.

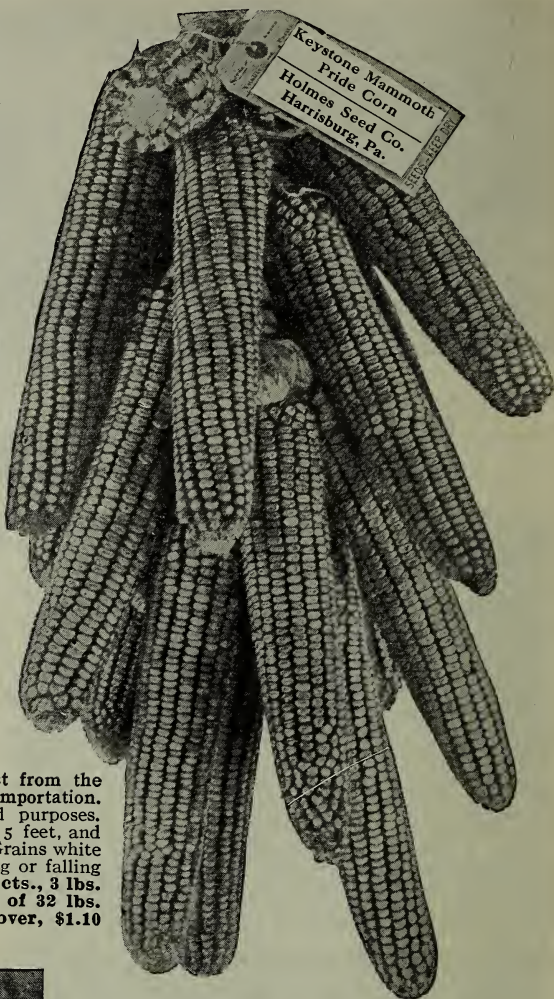
Pride of the North. Stalks short-jointed, leafy; kernels very deep. $\frac{1}{2}$ pk. 40 cts., pk. 75 cts., bus. \$2, 2 bus. \$3.75.

Red Cob Ensilage. Very tall; leafy. Grain white, cob red. $\frac{1}{2}$ pk. 40 cts., pk. 75 cts., bus. \$1.75, 2 bus. \$3.35.

Sweet Fodder Corn. Nothing can make better feed. $\frac{1}{2}$ pk. 50 cts., pk. 85 cts., bus. \$2, 2 bus. \$3.75.

Holmes' Giant Ensilage. Immense yield of stalk; good ears; fine for stock. $\frac{1}{2}$ pk. 40 cts., pk. 75 cts., bus. \$1.75, 2 bus. \$3.35.

Holmes' Snowflake. Pure white seed Corn. $\frac{1}{2}$ pk. 40 cts., pk. 75 cts., bus. \$1.75, 2 bus. \$3.35.



Seed Oats

Long's Improved White Tartar. Direct from the new importation.

Outyields nearly all others and is the very best for all-round purposes. Earliest variety grown, with long straw, usually averaging 4 to 5 feet, and rust-proof. Succeeds well on all soils. Golden yellow color. Grains white with golden cast. Withstands stormy weather without lodging or falling off of grains. A measured bushel weighs 42 pounds. **Lb. 25 cts., 3 lbs. 65 cts., postpaid. By freight or express, pk. 50 cts., bus. of 32 lbs. \$1.50, 2 bus. \$2.50, 10 bus. \$1.20 per bus., 20 bus. and over, \$1.10 per bus. Bags, holding $2\frac{1}{2}$ bus., 25 cts. each, extra.**



Long's Storm King Oats

Washington. This is a very productive variety, growing with a stiff straw, from 4 to 5 feet high; the grains are plump and thin-hulled. **Lb. 30 cts., 3 lbs. 75 cts., postpaid. By express or freight, pk. 50 cts., bus. of 32 lbs. \$1.50, 2 bus. \$2.50, 10 bus. \$1.20 per bus., 20 bus. and over, \$1.10 per bus. Bags, holding $2\frac{1}{2}$ bus., 25 cts. each, extra.**

Long's Storm King. Mr. Isaac Long, a successful, scientific and widely known farmer, imported this remarkable Oats from Tartary. We have named it Long's Storm King because it stood up completely and perfectly during very heavy storms the month preceding oats harvest. It was then 4 to 6 feet tall. It yielded over 100 bushels to the acre, and weighed 45 lbs. to the measured bushel,—clean and bright, no smut. There were 190 to 250 grains to each head. Greatest drought-resister known, and Mr. Long's crop shows it is the greatest yielder ever brought here. The illustration shows Mr. Long holding a small sheaf. Note the wonderful length of the straw and heaviness of head. **Lb. 35 cts., 3 lbs. 75 cts., postpaid. By express or freight, pk. 50 cts., bus. of 32 lbs. \$1.50, 2-bus. sack, \$2.50, 10 to 20 bus. \$1.20 per bus., 21 to 50 bus., \$1.10 per bus. Bags, holding $2\frac{1}{2}$ bus., 25 cts. each, extra.**

Remember, we have the originator's stock and offer this from the original importation.

MRS. J. M. IRVINE, Loysville, Pa., writes: "We have been selecting seed from your seed book for several years and always were well pleased with the seed bought of you and found them the cheapest in the end, because they always grow and prove to be just as you represent them."

BENJ. G. WENGER, Murrell, Pa., writes: "Enclosed find our order for seeds. We have ordered seeds from you for several years and have always found them very satisfactory."



Holmes' Superior Recleaned Clover Seed

The prices of some varieties of Clover, Grass and Field Seeds may change as the season advances. Prices now given are those prevailing when this catalogue was published. It will be to advantage of intending purchasers to write for samples and special prices before ordering in large quantities.

Alfalfa (*Medicago sativa*), also known as Lucerne and Chili Clover. One of the most valuable forage or pasture grasses, being very nutritious, both as a green feed and as hay. It requires moist land or frequent irrigation, and often bears from five to six crops of hay a year. It does well in almost any climate, and improves any soil that is sown with it. A good stand of it will choke out and practically kill wild morning-glory. Prepare the land by deep plowing and thorough harrowing, and sow 17 to 25 pounds per acre broadcast and harrow in. Alfalfa seed is graded by the amount of dead matter and the percentage of weed seeds it contains. The very worst weed is dodder, which infests seed grown on low lands. Dodder is a yellow parasitic plant with abundant stems but no leaves; the roots live on the alfalfa plant and quickly kill it. A little thought will show that Alfalfa which contains no dodder is worth several cents a pound more than Alfalfa which contains this weed. Our Alfalfa is grown out of the state on high land, and is dodder-free. **Lb. 30 cts., 3 lbs. 75 cts., postpaid; price per bus. on application.**

Red Medium Clover. This is the common Red Clover so largely grown throughout the country. **Lb. 30 cts., 3 lbs. 75 cts., postpaid; price per bus. on application.**

Mammoth, or Pea-Vine Clover. This grows much taller, with larger, leafier stalk, and large, slightly pointed leaflets. **Lb. 30 cts., 3 lbs. 75 cts., postpaid; price per bus. on application.**

White Dutch Clover. The best variety for lawns; valuable in permanent pastures. **Lb. 45 cts., postpaid; price per bus. on application.**

Alsike, or Hybrid Clover. The hardiest of all, sometimes called Giant White Clover. It is a perennial, therefore adapted for permanent pastures or for hay crop. Never heaves or throws in the winter; thrives equally well on wet or dry soil, through extreme droughts or excessive rains; grows on clover-sick land and yields a heavy bulk of herbage where no other Clover succeeds. Its superior pasturage is much liked by cattle. Blossom-heads round, flesh-colored, sweet and fragrant; much liked by bees. Sow ten to twenty pounds per acre in spring or fall. **Lb. 35 cts., postpaid; for larger quantities write for prices.**

Crimson, or Scarlet Clover. An annual variety providing large crops of green forage, or, if cut while in bloom, will make excellent hay. As a green manuring crop for grain, fruit or trucking crops, it gives the very best results, while for improving poor land it has few equals. It succeeds on every kind of soil, standing southern suns and northern winters, and is now grown largely in Delaware, Maryland, New Jersey, Pennsylvania, Virginia, and has succeeded in every state where tried. Sow 15 pounds to the acre from July to September. **Lb. 25 cts., 3 lbs. 60 cts., postpaid; for larger quantities, write for prices.**

Farmogerm

Insures a catch of Alfalfa and Clovers that will stand

It puts the goods in the soil. Insures your crops both present and future.

Because Farmogerm stimulates your first crop and enriches your soil for future crops.

"Farmogerm, The Standard Inoculation" saves the cost of all expensive nitrate fertilizers.

Five-acre size, \$9.00

One-acre size, \$2.00

Complete book on Farmogerm and Inoculation FREE. Always state for what crop Farmogerm is desired when ordering.

You had better be safe than sorry

Use Farmogerm

Holmes' Superior Recleaned Grass Seed

All prices on Grasses subject to change. Write for special quotations

	BY FREIGHT	OR EXPRESS
	Lb.	100 lbs.
Awnless Brome Grass (<i>Bromus inermis</i>). Will stand long droughts and produce heavy crops in dry sections. Especially desired for permanent pasturage. (14 lbs. per bus.).....	\$2 60	\$0 20 \$16 00
Canada Blue Grass (<i>Poa compressa</i>). Useful for sowing on hard clay and poor soils. (14 lbs. per bus.)..	1 75	14 11 00
Creeping Bent Grass (<i>Agrostis stolonifera</i>). Excellent for lawns; thrives on moist lands (bus. 20 lbs.)..	4 75	25 22 00
Crested Dog's Tail (<i>Cynosurus cristatus</i>). An excellent grass for hard, dry soils, valuable for pastures and lawns. (21 lbs. per bus.).....	7 00	35 30 00
English Rye Grass (<i>Lolium perenne</i>). Nutritious, vigorous; for meadow and pasture. (bus. 24 lbs.)....	2 25	13 6 50
Hard Fescue (<i>Festuca duriuscula</i>). One of the most desirable dwarf grasses, excellent for dry soils and shady places. (12 lbs. per bus.).....	2 50	22 18 00
Italian Rye Grass (<i>Lolium Italicum</i>). A valuable European variety, adapted to any climate and produces large and nutritive crops. (18 lbs. per bus.).....	2 25	13 9 50
Kentucky Blue Grass (<i>Poa pratensis</i>). Well known and extensively grown in all parts of the country; used for lawns. (14 lbs. per bus.).....	2 40	20 18 00
Meadow Fescue (<i>Festuca pratensis</i>). Fine permanent pasture, heavy and nutritious. (bus. 22 lbs.)....	6 25	30 28 00
Meadow Foxtail (<i>Alopecurus pratensis</i>). One of the earliest and best pasture grasses, grows rapidly when cut or eaten down by stock. (7 lbs. per bus.).....	2 00	30 22 00
Orchard Grass (<i>Dactylis glomerata</i>). A valuable pasture grass, adapted for growing in shady, moist places under trees, etc. (14 lbs. per bus.).....	2 50	22 18 00
Perennial Rye (<i>Lolium perenne</i>). Nutritious; for meadow or permanent pasture. (bus. 20 lbs.).....	1 50	10 7 00
Red, or Creeping Fescue (<i>Festuca rubra</i>). Valuable for lawns. (14 lbs. per bus.).....	3 25	25 22 00
Red Top Grass (<i>Agrostis vulgaris</i>). Valuable for either pastures or lawns. (14 lbs. per bus.).....	2 00	20 18 00
Rhode Island Bent Grass (<i>Agrostis canina</i>). Valuable for either pastures or lawns. (14 lbs. per bus.)..	4 00	30 22 00
Rough-Stalk Meadow Grass (<i>Poa trivialis</i>). Excellent for pastures and meadows, particularly on damp soils. As a lawn grass it forms a fine turf and does well in shaded locations. Sow 20 lbs. per acre.....	8 00	45 40 00
Sheep's Fescue (<i>Festuca ovina</i>). Excellent for sheep pasture; 6 to 10 inches high. (bus. 12 lbs.).....	2 25	20 15 00
Sweet Vernal, True Perennial (<i>Anthoxanthum odoratum</i>). It should be sown in connection with other grasses for pastures or lawns. (10 lbs. per bus.).....	7 00	80 70 00
Tall Meadow Oats Grass (<i>Avena elatior</i>). This is a valuable variety for pastures. (10 lbs. per bus.)....	2 00	22 18 00
Tall Fescue (<i>Festuca elatior</i>). Early, nutritive and productive in permanent pastures on wet or clay soils. On moist lands yields a large amount of good hay. Height 3 to 4 feet. Not suitable for lawns. Sow 40 lbs. per acre. (14 lbs. per bus.).....	5 60	45 40 00
Timothy (<i>Phleum pratense</i>). A variety producing a profitable hay crop in almost any soil. ½ bushel per acre. Our seed is free from weed seeds and of high germinating power. (45 lbs. per bus.).....	3 00	08 5 50
Various-leaved Fescue (<i>Festuca heterophylla</i>). A perennial grass suitable for cold, moist soils in which it will yield heavily. Valuable in permanent meadows, either for mowing or grazing. Height 2 to 3 feet. As a lawn grass it is valuable, especially for shaded places. Sow 40 lbs. per acre. (bus. 12 lbs.).....	4 20	40 35 00
Wood Meadow Grass (<i>Poa nemoralis</i>). A very productive grass, adapted for lawns or pastures. Thrives well under trees. (14 lbs. per bus.).....	7 00	55 50 00

MRS. D. S. KREPS, Canon, Mo., writes: I have planted your seeds for about twelve years and have had good results all the time. I am well pleased with your promptness in filling orders.



Barley, Beardless. This variety is free from beard. **Lb. 20 cts., postpaid. By freight or express, pk. 50 cts., bus. of 48 lbs. \$1.75.**

Triumph. A distinct-bearded 6-rowed variety. Free from smut; straw stiff and erect. No Barley can approach it in yield. **Lb. 30 cts., postpaid. By freight or express, pk. 75 cts., bus. of 60 lbs. \$2.25.**

Rye, White Winter. It is much harder than wheat and can be grown on a greater variety of soils. It is not only grown for grain, but for straw and soiling purposes. Plowed under when about 6 inches high, it is in condition to add great fertility to the soil. Rye can be cultivated longer on the same land than any other crop. Can be sown at the last working of corn. Sow at the rate of $\frac{1}{2}$ bushel to the acre. **Pk. 75 cts., bus. \$1.50.**

Spring. True stock. Spring Rye is an excellent catch-crop where winter grain has been killed out, or where a fall crop has not been planted. **Pk. 75 cts., bus. \$1.50.**

Buckwheat, Japanese. Is much superior to the common Buckwheat. The yield is far greater and it makes a superior flour. Is used as a poultry-food. Sow one bushel (48 lbs.) to the acre broadcast. **Lb. 25 cts., 3 lbs. 60 cts., postpaid. By freight or express, pk. 50 cts., bus. \$1.75.**

Silver Hull. The grains are of a silvery gray color, making a white flour. Prices same as Japanese.



Beardless Barley

Broom Corn, Improved Evergreen.

Best variety for general cultivation, on account of color and quality of brush; ripens very early; grows about 8 to 10 feet high; brush of good length, fine and straight, and always of green appearance when ripe. **Lb. 25 cts., postpaid. By freight or express, qt. 20 cts., pk. 75 cts., bus. \$2.50.**

Spring Emmer. (Incorrectly called Speltz). A grain especially suited for dry lands. Being semi-hardy, it can be sown very early in the spring like oats. Emmer grows best in the dry prairie regions with hot summers, and even does well in poor or stony ground. It is a better drought- and rust-resister than either oats or barley, and it also yields considerably better. The feeding value is high. **Lb. 15 cts., 3 lbs. 40 cts., postpaid; bus. (40 lbs.) \$1.75, 5 bus. at \$1.60 per bus.**

Milo Maize. A variety of sorghum, non-sacharine, growing stalks 8 to 10 feet high. Useful for the large amount of green feed or cured fodder it produces and for its grain. It stands dry weather and makes its crops when corn would wholly fail. Plant in 3-foot rows and cultivate as corn; 3 to 5 lbs. to the acre. **Lb. 20 cts. postpaid. By freight or express, 10 lbs. 50 cts., 50 lbs. \$1.75, 100 lbs. \$3.25.**

Sunflower, Mammoth Russian. Makes large heads; valuable for poultry. **Qt. 30 cts. postpaid. By freight or express, pk. 75 cts., bus. \$2.25.**

Manurial Crops

Modern agricultural practice proves that it is far more economical and desirable to grow the nitrogen fertilizers for soil than to attempt to produce this in the form of manure, especially on large farms or where much live stock is not kept. The chief thing the soil needs is organic matter, and if the farmer cannot afford to give enough of this in the form of manure, he can afford to grow and turn down certain good cover-crops for fertilizing. The clovers of various kinds, such as the Mammoth Clover, Red Clover, Alfalfa, Alsike and the Sweet Clovers are beneficial as soil-renewers, and in addition to these there are Cowpeas, Soy Beans and in fact, Peas and Beans of all kinds, Sand and Spring Vetches, Sainfoin, Kidney Vetch, Yellow Lupine and other Legumes which have the power of catching nitrogen from the atmosphere and transforming it into available form for plant-growth.

Where soil is even too thin or poor in quality to grow Red Clover, Sand Vetch or Alsike can be started, and after growing these crops the Red Clover can then be grown with success. If these cover-crops are grown and turned under, the farmer then can add lime, phosphoric acid in the form of acid phosphate, and potash in the form of Kainit or wood ashes, and will find the soil then to contain fairly well-balanced rations for plant-food, and be rich and productive in a few seasons.

COWPEAS

Can be grown in all parts of the country where Dent corn succeeds. It is one of the best for temporary pastures. As a grazing crop it is valuable for producing milk, growing young stock and fattening all kinds of domestic fowls and animals. Effective fertilizing plant, and can be used as a green-manure crop at any time during the summer and in almost every crop rotation. Can be grown on greater variety of soils than any other legume.

Large Black-Eye. Extremely early variety, matures peas in six to eight weeks.

Black. Quicker to mature than other varieties and better adapted for late planting or for growing north of Virginia.

Clay. Tall, erect, large dark green leaves; stems of vigorous growth; pod large and yellow; seeds kidney-shaped, medium size, cream-colored; medium to late in ripening.

New Era. A very regular variety, erect and not inclined to run; matures in 60 or 75 days.

Whippoorwill. Usually an erect grower and rarely climbs; pods gray, long and full; seeds large, nearly spherical, mottled red and white; matures early. One of the best for late planting and growing.

Prices for small quantities, pkt. 10 cts., pt. 25 cts., qt. 45 cts., by mail, postpaid. On larger quantities by freight or express, write for prices. Prices range from about \$2.25 to \$3.50 per bus., according to the season.

Soja Beans. The Soja Bean is often used to take the place of clover where the soil is not fertile, both for hay and for fertilizing purposes. It is a sure cropper. Ordinary yield of beans 25 to 40 bushels per acre. One of the richest of natural food-stocks. Sow about one bushel to the acre, either broadcast or drilled.

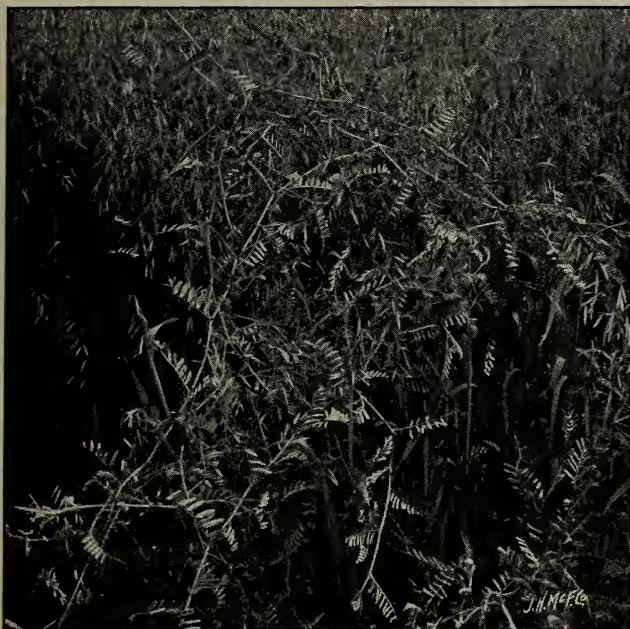
Mammoth Yellow. **Pk. 75 cts., bus. (60 lbs.) \$2.75.**

Dwarf Essex Rape. This plant is extensively grown for sheep-forage, and for green manure. Farmers who desire to get young cattle, sheep or lambs into favorable condition to be sold advantageously in the fall, can do it most cheaply by growing this. Three pounds of seed to the acre in rows, or broadcast at the rate of six pounds to the acre. Our stock is the true Essex Dwarf. **Lb. 10 cts., bus. (60 lbs.) \$5; 100 lbs. and over at 9 cts. per lb.**



Dwarf Essex Rape

PRICES OF SEEDS ON THIS PAGE SUBJECT TO CHANGE WITHOUT NOTICE



Spring Vetch

Sorghum, or Sugar Cane. Sorghum is a sweet fodder of most luxuriant growth. There is no better feed for horses—very nourishing, fattening and keeps the bowels open, and can be safely fed at any stage of growth. Fed to cows, proves a great milk producer, and is a wonderful feed to fatten hogs. Will produce as high as twenty tons per acre, and two or three cuttings in a single season.

Early Amber. Grows from 11 to 12 feet in height, and can be planted by the first of May. The seed ripens almost invariably, affording an excellent food for stock and poultry. **Lb. 20 cts., 3 lbs. 55 cts., postpaid. By express, qt. 20 cts., pk. \$1, bus. \$2.50.**

Early Gem. This is a strong grower and will outyield any other Sorghum; is highly recommended as a feed for horses and cows. **Pk. \$1.25, bus. \$3.**

Kaffir Corn. One of the best forage-plants. If the crop is wanted mainly for fodder, it is recommended to cut down the whole stalk when the first seed heads come into bloom. The second growth springing at once from the roots, will still mature a full crop of grain and a second full crop of forage by October 15. For grain sow in rows 3 feet apart, 5 lbs. to the acre. For fodder, sow three pecks broadcast. **Pkt. 5 cts., lb. 15 cts., 3 lbs. 40 cts., postpaid. By freight or express, 10 lbs. 45 cts., 50 lbs. \$1.50, 100 lbs. \$2.75, bags included.**

Field Peas, Canada. "Peas could be made to bring more nitrogen to the soils of this country every year than is now purchased annually by the farmers at the cost of millions of dollars."—Year Book of the U. S. Department of Agriculture. Peas are second only to clover in their soil-enriching properties, and can be grown under almost any condition. The vines make rich, nutritious hay, or can be grown to turn under. **Pk. 75 cts., bus. (60 lbs.) \$2.50, 10 bus. at \$2.25 per bus.**

Large Marrowfat. Growth immense. The best of the Field Peas for hay. **Pk. \$1, bus. (60 lbs.) \$3.25, 10 bus. at \$3.10 per bus.**

New Velvet Bean. A very heavy-yielding legume belonging to the soja and cowpea class. The most rampant growing of all these sorts. Popular in the South—and of value in the North for a cover-crop. **Pkt. 10c., lb. 30c., postpaid. By freight or express, ½pk. 75c., pk. \$1.50, bus. \$4.50, bags included.**

Giant Spurry. An annual plant extensively cultivated in Europe as a winter pasture for cattle and sheep; grows well on poor, dry, sandy soil; an excellent fertilizer for light soil and valuable for forage. Sow 12 lbs. to the acre. **Lb. 30 cts., 3 lbs. 75 cts., postpaid. By express, 5 lbs. 85 cts., 10 lbs. \$1.50.**

Teosinte. A valuable continuous-cutting forage plant for the Southern and Southwestern states, furnishing a most nutritious food, green or dry, for horses and cattle. Sow in May or June in drills 3½ to 4 feet, 2 to 3 lbs. to the acre. **Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts., lb. \$1.50, postpaid.**

Vetch, Spring, or **Tares** (*Vicia sativa*). Used for the same purpose as the Sand Vetch, but will not thrive on poor soil or withstand extremes of weather as successfully. Sow with oats, using a bushel of each to the acre. **Large pkt. 5 cts., lb. 20 cts., postpaid. By freight, lb. 10 cts., 10-lb. lots at 8c. per lb., bus. (60 lbs) \$3, 100 lbs. \$5. Bags free. Special prices on large lots.**

SAND, HAIRY or WINTER (*Vicia villosa*). The winter cover-crop. A large-yielding and nutritious forage-crop; splendid for grazing and soil improving. It is very hardy, is valuable as a winter cover-crop to prevent leaching. It is an annual but resows itself and will come up year after year on the same ground. Valuable where clover does not thrive. The Department of Agriculture estimates the value of an acre of this Vetch plowed under equal to commercial fertilizer at the rate of \$16 to \$40 an acre. 1 to 1½ bushels of seed required to the acre. **Lb. 20 cts., postpaid. By freight, lb. 15 cts., 10 lbs. at 14 cts. per lb., 100 lbs. at 13 cts. per lb. Bags free.**

Long White Cow-Horn Turnip. It has been found by practical farmers that there is no better way of aerating and adding humus to the soil in the winter time than by sowing the Long White Cow-Horn Turnip. They can be fed to the stock as they are needed, and the rest allowed to remain in the ground and rot, having a valuable fertilizing and soil-improving property. Sow two pounds of seed to the acre, broadcast. **Oz. 10 cts., ¼lb. 20 cts., lb. 65 cts., by mail, postpaid. By express, lb. 50 cts., 5 lbs. at 45c. per lb., 25-lb. lots at 40 cts. per lb.**

MILLETS

GERMAN, or GOLDEN MILLET. Matures two weeks later than the common Millet. The seed we offer will produce more than double the quantity of fodder usually got on the same ground. 4 to 5 feet high. Sow one bushel to the acre. **Lb. 20 cts., 3 lbs. 50 cts., postpaid. By freight or express, bus. (48 lbs.) \$2.25. Price subject to change.**

PEARL MILLET, or PENICILLARIA. An immense fodder yielding, attaining a height of 8 to 10 feet. Can be cut several times during a season. Sow 10 pounds to the acre. **Lb. 30 cts., 3 lbs. 75 cts., postpaid. By freight or express, 10 lbs. \$1, bus. (50 lbs.) about \$4.50.**

SIBERIAN. Rapidly becoming the most popular of all Millets. Very productive; grows 4 to 5 feet. Withstands drought wonderfully. **Lb. 25 cts., 3 lbs. 60 cts., postpaid. By freight or express, 10 lbs. 75 cts., bus. (50 lbs.) \$2.**

COMMON MILLET. Best quality for feeding. **Bus. (48 lbs.) \$1.75.**

JAPANESE MILLET. Particularly valuable in the Northern States as a quick-growing forage and ensilage crop. 6 to 8 feet, yields 10 to 18 tons of green fodder to the acre. Two parts of the Millet with one part soja beans form a completely balanced ration that may be fed without grain. Sow 10 to 12 lbs. to the acre. **Lb. 15 cts., 10 lbs. \$1, bus. (30 lbs.) \$2, 2 bus. \$3.75.**

HUNGARIAN. A very valuable forage-plant of the Millet family, but not so coarse. Sown and cultivated same as Millet, and quite a favorite with stockmen. **Lb. 20 cts., postpaid. By freight or express, 10 lbs. 50 cts., bus. (48 lbs.) about \$2.**

FARMOGERM

Farmogerm can be had for the following crops in five- and one-acre bottles.

Alfalfa or Lucerne	Garden Peas
Alsike	Peanuts
Burr Clover	Red Clover
Crimson Clover	Sweet Peas
Canada Peas	Soja Beans
Cow Peas	Vetches
Garden Beans (Pole and Bush)	White Clover

No. 1.—For Red, White, Crimson and Alsike Clover.

No. 2.—For Alfalfa or Lucerne.

No. 3.—For Vetch or Canada Field Peas.

No. 4.—For Soja Beans and Cow Peas.

No. 5.—For Garden Peas, Garden Beans (Pole and Bush) and Sweet Peas.

5-Acre Size \$9.00 1-Acre Size \$2.00



Giant Comet Asters (see page 42)

Holmes' Superior Flower Seeds

ON THE following pages are listed the very best flower seeds that can be grown. We offer them with the full consciousness of their superiority, knowing that they will give unbounded satisfaction. We guarantee all of them to be **absolutely fresh, new crop, tested and of strong germination power.**

We have listed all seeds by their best-known names, using the botanical in some instances and the English names in others. There are also cross references wherever needed so that every variety may readily be found under either name.

Following each name will be found letters according to the following table, showing the nature and character of each plant, and figures showing the height to which it naturally grows. The letters and their meanings are as follows:

A. Annual—Blooming the same year of planting but dying in the fall.

HA. Hardy Annual—Growing with but little care.

HHA. Half-Hardy Annual—Requiring protection in unfavorable seasons.

B. Biennial—Lasting two years.

HP. Hardy Perennial—Permanent in growth, coming up each spring from the roots, and increasing in size and beauty.

TP. Tender Perennial—Requiring mulching or protection during the winter.

GP. Greenhouse Perennial Plants—Those suitable only for growing in pots in the conservatory or house.

GS. Greenhouse Shrubby Plants—which are appropriate for greenhouse culture, but which can be planted outside during the summer.

We shall be glad, at all times, to answer questions relative to the growing of flowers, and will cheerfully give our patrons the benefit of our experience. Write us for any information desired.

HOLMES' SPECIAL COLLECTIONS OF FLOWER SEEDS

A NEW MONEY-SAVING PLAN—SATISFACTION GUARANTEED

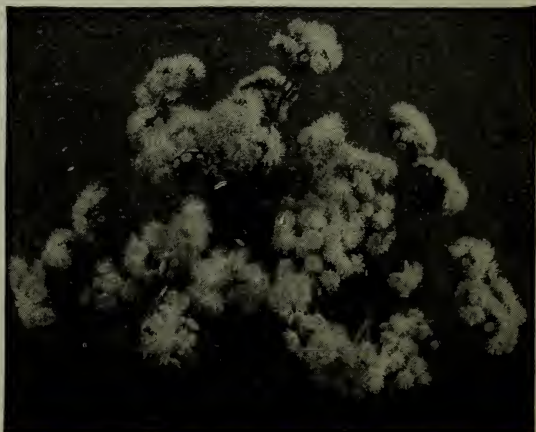
To give our patrons all the advantages possible in their purchase of flower seeds, we have devised a plan whereby everyone has a chance to make his own selection of seeds, but to obtain them at reduced prices. By this plan selections and payments may be made as follows:

Select Flower Seeds to the value of \$3.00 and remit \$2.00 with the order.

"	"	"	"	"	2.00	"	1.40	"	"
"	"	"	"	"	1.50	"	1.00	"	"
"	"	"	"	"	1.00	"	.70	"	"

In all cases the order will be filled exactly as desired, but in order to take advantage of this reduced price offer, it will be necessary to mention the fact in the order.

		Pkt.	Lge.pkt.
1	ABRONIA umbellata (Sand Verbena). A. Trailing. Rose-colored flowers in clusters. For baskets, borders and rockeries.....	\$0 05	\$0 25
5	ABUTILON (Flowering Maple). GS. 4 ft. Tender shrub with handsome foliage and bright bell-shaped flowers. Mixed colors. For garden, greenhouse or house.....	10	40
10	ACHILLEA Ptarmica , "The Pearl" (Yarrow; Milfoil). HP. 2 ft. Double white flowers in clusters.....	10	30
	ACONITUM (Monk's Hood). HP. 4 ft. Panicles of helmet-shaped flowers.		
15	Napellus . Blue.....	05	25
16	Napellus . White.....	05	40
20	ACROCLINIUM . HHA. 1 ft. Everlasting flowers; mixed colors. Fine for winter decoration.....	05	15
25	ADLUMIA cirrhosa (Allegheny Vine). B. Climbing. Splendid climber, with pink flowers.....	10	25
30	ADONIS æstivalis (Flos Adonis). A. 1 foot. Feathery leaves; blue flowers.....	05	15



Ageratum (see page 41)

ALL FLOWER SEEDS DELIVERED FREE, BY MAIL, POSTPAID, AT PRICES AFFIXED



Pkt. Lge. pkt.

AGERATUM (Floss Flower). A. For edging; blooms all summer.			
31	Blue Perfection. 9 in. Blue.....	\$0 10	\$0 20
32	Blue Star. 5 in. Bright blue.....	15	50
33	Dwarf White. 9 in. White.....	05	15
34	grandiflora alba. 9 in. White; large flowers.....	10	15
35	Princess Victoria Louise. 6 in. Light blue, white center.....	10	30
36	Fine Mixed. Both colors mixed.....	05	15
AGROSTEMMA. HP. 2 to 3 ft. Free blooming. Fine for dry places.....			
46	coronaria (Rose Campion). Rose-colored	05	15
ALLEGHENY VINE. See Adlumia.			
ALTHÆA. See Hollyhock.			
ALYSSUM. Clusters of small flowers all summer. For edging.			
51	saxatile compactum (Basket of Gold). Pkt. HP. 1 ft. Yellow.....	\$0 05	\$0 75
52	Little Gem. HA. 6 in. White; spreading	05	50
53	procumbens (Carpet of Snow). HA. White; very dwarf.....	05	60
54	maritimum (Sweet Alyssum). HA. 6 in. White.....	05	25
AMARANTHUS. A. 2 to 3 ft. Handsome foliage and plume-like flowers.....			
59	caudatus (Love-Lies-Bleeding). Red....	\$0 05	\$0 15
60	salicifolius (Fountain Plant). Red; drooping.....	05	30
61	Sunrise. Carmine flowers.....	05	30
62	superbus, Fire-brand. Red.....	05	40
63	tricolor (Joseph's Coat). Variegated foliage.....	05	20
64	Mixed. All kinds and colors.....	05	15
AMARYLLIS (Jacobean Lily). See Bulbs and Roots.			
AMETHYST. See Browallia.			
69	AMPELOPSIS VEITCHII (Japan, or Boston Ivy). HP. Climbing Vine. See, also, Climbing Plants.....	\$0 05	\$0 40
74	ANCHUSA capensis. HP. 1½ ft. Purple flowers.....	\$0 05	\$0 40
79	ANEMONE (Wind Flower). HP. 2 ft. Charming double flowers, all colors....	05	20
ANIMATED OATS (<i>Avena sterilis</i>). See Grasses.			
ANTIRRHINUM (Snapdragon). HP. Magnificent trusses of odd-shaped flowers.			
Tall Varieties. 2 to 3 feet.			
84	Giant Pink.	10	25
85	" Scarlet	10	25
86	" Striped	10	25
87	" White	10	25
88	" Yellow	10	25
89	" Mixed	10	20
Semi-dwarf Varieties. 1 to 1½ feet.			
94	Daphne. Bright pink.....	15	40
95	Firefly. Scarlet and white.....	10	20
96	Golden Queen. Yellow.....	10	20
97	Queen of the North. White.....	10	20
Dwarf Varieties. 6 inches.			
98	Golden Sun	10	40
99	Mixed	05	20
AQUILEGIA (Columbine). HP. 2 ft. Quaint, spurred flowers on long stems.			
105	Long-spurred Hybrids. Mixed colors...	10	40
106	Canadensis	05	25
107	chrysantha. Golden yellow.....	10	25
108	chrysantha alba. White.....	10	30
109	California Hybrids. Yellow and scarlet.	10	25
110	cærulea. Blue.....	10	40
111	glandulosa. Blue and white.....	15	40
112	Haylodensis delicatissima	20	50
113	nivea grandiflora	05	15
114	Rose Queen	20	50
115	Single Mixed. All colors.....	05	15
116	Double Mixed. All colors.....	05	15
125	ARISTOLOCHIA Siphon (Dutchman's Pipe). HP. Climbing Vine. Brown and yellow flowers; large, heart-shaped leaves.....30 seeds, 10c....		



Antirrhinum

- 130 **ASCLEPIAS tuberosa.** HP. 2 ft. Orange Pkt.Lge.pkt. flowers in spikes.....\$0 10
- ASPARAGUS.** GP. Trailing. Feathery foliage on long stems, for pots and baskets.
- 134 **plumosus Hatcherii.** Of very rapid growth, the fronds are set closer on the stems than *Plumosus nanus*, lasting much longer when cut than any other variety.....Pkt. of 10 seeds, 25c...
- 135 **plumosus.** Fine, lace-like foliage..... 25 \$1 00
- 136 **Sprengeri.** Coarser foliage; red seed berries..... 10 50

Asters. A. 1 to 2 ft.

The best known and most popular of all late-blooming garden annuals. Some are handsomely quilled, and others rival the largest chrysanthemums in form and beauty. Special instruction in their cultivation will be sent upon application.

ASTERMUM. A Glorified Aster

(See illustration on front cover)

The plant itself grows straight up with very strong, sturdy stems starting near base and reaching from 18 to 24 inches; even the center stems are plenty long enough for the market.

The three colors are unsurpassed. The lavender has never been produced before. The pink is the beautiful pink of the rose, and the white is as white as the driven snow. Each plant yields from ten to fifteen blooms measuring fully 5 inches in diameter, and their solidity is such that they make good shippers. They do not require either disbranching or disbudding, in fact, there are but few side buds. Owing to the symmetry of the plants, they may be set only 9 inches apart. They seem to vie with each other in reaching up and the roots are better shaded; in case of storm, they support each other and the bloom remains unharmed.

- 137 **Pink.** A beautiful rose-pink.
- 138 **Lavender.**
- 139 **White.** As white as the driven snow.
- Pkt. 20 cts., ¼oz. \$2.50. One packet of each color for 50 cts.

Holmes' New Imperial Asters. True Pkt. Oz.

- Comet type; extra large.
- 140 **Daybreak.** Shell-pink.....\$0 10 \$3 00
- 141 **Lavender.** Charming shade..... 10 3 00
- 142 **Purity.** Pure white..... 10 3 00
- 143 **Sunset.** Light pink; deep center..... 10 3 00

The Ideal Fertilizer. Sheep Manure is the natural fertilizer, prepared to conserve its greatest value. It is exceedingly rich in nitrogen, phosphoric acid and potash. It also adds humus, which is absolutely necessary to the soil, and which is not provided by chemical fertilizers. This makes the soil light and porous and capable of retaining moisture. It is the ideal fertilizer for lawns, gardens, flower-beds, shrubbery, orchards, vineyards, etc. When used in the fall, it gives splendid results. Lb. 5 cts., 10 lbs. 40 cts., 25 lbs. 75 cts., 50 lbs. \$1.25, 100 lbs. \$2, 500 lbs. \$8, ½ton \$16, ton \$30.

ASTERS, continued

150	Holmes' Lavender Gem. Delicate color; Pkt. feathered like an ostrich-plume.....	Oz. \$0 10	\$2 50
	Holmes' Mikado Asters. Beautifully curved and twisted petals. Pkt. Lge. pkt.		
155	Rochester. Lavender-pink; very large.....	\$0 15	\$0 50
156	White. Midseason; extra large.....	15	50
160	Holmes' Rose King. Brilliant rose-color; Pkt. very large.....	\$0 15	\$2 50
165	Holmes' Royal Purple. Full-double; handsome; dwarf.....	10	2 50
170	Holmes' Violet King. Soft violet-lilac; petals very much twisted and curled..	10	2 00
	Giant Comet Asters. Resemble chrysanthemums; often 6 inches across; petals long and twisted.		
175	Rose. Delicate shade.....	10	3 00
176	White. Clear and brilliant.....	10	3 00
177	Mixed Colors.....	10	2 00
	Giant Ostrich-Feather Asters. Petals very much twisted, resembling a handsome plume. Pkt. 1/4oz.		
180	White.....	\$0 10	\$0 60
181	Rose.....	10	60
182	Carmine.....	10	60
183	Blue.....	10	60
184	Mixed Colors.....	10	50



Balsam

	Giant Late Branching Asters. Extra-large flowers. Fine for cutting. Pkt. Oz.		
190	White.....	\$0 05	\$1 50
191	Pink.....	05	1 50
192	Purple.....	05	1 50
193	Lavender.....	05	1 50
194	Crimson.....	05	1 50
195	Mixed Colors.....	05	1 50
	Holmes' Queen of the Market Asters. Distinct type; very large flowers on long stems. Extra early.		
200	Indigo-blue.....	05	1 00
201	Red.....	05	1 00
202	Rose.....	05	1 00
203	White.....	05	1 00
204	Mixed Colors.....	05	1 00
	AUSTRALIAN STRAW FLOWER. See Helichrysum.		
	AVENA sterilis. See Grasses.		
	BACHELOR'S BUTTON. See Centaurea.		
	BALLOON VINE. See Cardiospermum.		

BALSAM, Camellia-flowered (*Impatiens Balsamina*). Lady Slipper. HHA. 1 1/2 ft. The well-known, old-fashioned garden plant, bearing dainty, double, rose-like flowers on an erect stalk. See, also, *Impatiens*.

210	Pink.....	Pkt. \$0 10	Oz. \$1 00
211	Salmon-pink.....	10	1 50
212	Scarlet.....	10	1 00
213	White.....	10	1 50
214	Choice Mixed. All colors.....	10	2 75

BALSAM APPLE; BALSAM PEAR. See *Momordica*.

219 **BARTONIA aurea.** HA. 1 ft. Golden yellow flowers, fragrant in the evening. Pkt. Lge. pkt. Deeply cut foliage..... \$0 10 \$0 15

BABY'S BREATH. See *Gypsophila*.

224 **BEANS, SCARLET RUNNER.** A. Climbing. Broad foliage and scarlet flowers followed by long, edible beans. Fine for porches. Pkt. Pt. \$0 05 \$0 20

BEGONIA. GP. 1 to 1 1/2 ft. Handsome foliage and flowers.

Semperflorens type. Everblooming. For bedding and pot culture. Pkt. Lge. pkt.

230	Anna Regina. Rose-color.....	\$0 15	\$0 65
231	Zulu King. Blood-red flowers; dark red foliage.....	15	65
232	Queen of Carpet Bedders. Red foliage; orange-red flowers; compact in growth.....	15	40
233	Vernon. Light red flowers; dark red foliage.....	15	30
	Gracilis type. For outdoor culture; everblooming.		
235	rosea. Light pink.....	15	40
236	luminosa. Deep red.....	20	50
237	alba. Pure white.....	15	40
242	Rex Hybrids. Magnificent, large, odd-shaped foliage, all colors and markings, mixed.....	25	65

Tuberous-rooted. For massing in shady places.

252	Single Varieties. choice mixed.....	15	65
253	Double varieties, choice mixed.....	25	

See, also, Summer-flowering Bulbs and Roots for Tuberous-rooted Begonia bulbs.

BELLIS perennis (English Daisy). B. 4 inches. Dainty little flowers in early spring. Pink and white.

260	Holmes' Mammoth White.....	15	65
261	German Double Mixed.....	15	40

BLACK-EYED SUSAN. See *Thunbergia*.

BLANKET FLOWER. See *Gaillardia*.

BOSTON IVY. See *Ampelopsis*.

266 **BRACHYCOME** (Swan River Daisy). A. 1 foot. For edging. Mixed colors..... 05 20

BRIZA maxima. See Grasses.

BROMUS brizaeformis. See Grasses.

271 **BROWALLIA** (Amethyst). A. 2 ft. Blue and white flowers. Fine for garden and house blooming..... 05 20

BUTTERFLY FLOWER. See *Schizanthus*.

276 **CACALIA coccinea** (Tassel Flower). A. 1 1/2 ft. Pretty tassel-like scarlet flowers..... 05

CALADIUM esculentum. See Bulbs.

CALCEOLARIA (Pocket Flower). GP. 1 to 2 ft. Charming-house plants with curious striped and mottled flowers.

281	hybrida grandiflora. Tall; mixed colors.....	25	75
282	hybrida grandiflora pumila compacta. Dwarf mixed.....	25	75
283	James' Perfection Strain. All colors; beautifully marked.....	50	1 25

CALENDULA officinalis (Pot Marigold). A. 1 to 2 ft. Showy garden flowers, constantly in bloom.

288	Prince of Orange. Bright yellow and orange.....	Pkt. \$0 05	Oz. \$0 25
289	Striped Meteor. Striped orange and cream.....	05	25
290	Double Mixed. Orange, yellow and white.....	05	25

CALIFORNIA POPPY. See *Eschscholtzia*.

CALLIOPSIS, or COREOPSIS. 1 to 2 ft. Showy, large, daisy-like flowers.

295	coronata. A. Yellow.....	05	25
296	Golden Wave. A. Yellow.....	05	25
297	Mixed Varieties. A.....	05	25
298	lanceolata (Coreopsis). HP. Brilliant..	10	75

303 **CALLIRHOE involucrata** (Poppy Mallow). HP. Trailing. Bright saucer-shaped flowers; crimson, white centers..... 10

CAMPANULA. Bell-shaped flowers in splendid spikes.

Biennial Varieties:

		Pkt.	Lge.pkt.
308	Blue.....	\$0 05	\$0 30
309	Pink.....	05	15
310	White.....	05	15
311	All Colors Mixed.....	10	20

Calycanthemum (Cup-and-Saucer). 2 ft.

316	Blue.....	10	30
317	Pink.....	10	30
318	White.....	10	30
319	Mixed.....	10	25

Perennial Varieties:

324	Carpatica (Harebell). 6 to 8 inches. Blue.....	05	15
325	White.....	05	15
330	Persicifolia grandiflora (Peach Bells). 4 ft. White flowers in stately spikes.....	15	30
335	Pyramidalis (Chimney Bellflower). 6 ft. Majestic pyramids of blue, bell-shaped flowers.....	05	20

CANDYTUFT (Iberis). HA. Clusters of small flowers; fine for borders and cutting. All colors.....

		Pkt.	Oz.
340	Holmes' Giant White. 1 ft. Extra fine.....	\$0 10	\$0 60
341	Carmine. Deep scarlet.....	05	40
342	Crimson.....	05	30
343	Empress. White; extra large.....	10	40
344	Little Prince. White; dwarf; for edges.....	10	50
345	Pink.....	05	40
346	sempervirens. Perennial. White; dwarf.....	10	3 00
347	White Rocket. Long, heavy spikes.....	05	25

360	CANNAS (Indian Shot). A. 3 to 6 ft. Mostly grown from roots, but can successfully be grown from seed, by cutting seed with a sharp file. Mixed colors. See, also, Bulbs and Roots.....	05	25
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CANTERBURY BELLS. See Campanula.

CARDINAL FLOWER. See *Lobelia cardinalis*.

365	CARDIOSPERMUM halicacabum (Balloon Vine; Love-in-a-Puff). HHA. Pretty and graceful climber, with dainty, white blossoms and balloon-like seed-pods.....	10	25
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Campanula Medium

CARNATION, Marguerite. A. 1 1/2 ft. Pkt. Lge.pkt.

Well-known garden flowers of spicy fragrance.....

370	Red.....	\$0 10	\$0 40
371	Scarlet.....	10	40
372	Striped.....	10	40
373	White.....	10	40
374	Finest Mixed. All colors.....	10	25

CARNATION. 1 1/2 ft. Florist's greenhouse sorts.

377	Fancy Extra Choice. Mixed colors.....	10	50
378	Choice Double.....	10	50
379	Fancy Picotee. Mixed colors.....	10	50

CARPET-OF-SNOW. See Alyssum.

CASTOR-OIL PLANT. See Ricinus.

CELOSIA. A. 1 to 2 ft. Brilliant bedding plants, with unique flowers. Fine for pots.

383	Dwarf Feathered. Rose-colored.....	05	25
384	Glasgow Prize (Crimson Comb). Crested.....	05	25
385	Thompsoni magnifica. Yellow and red plumes.....	10	25
386	Dwarf Mixed. Low-growing; mixed colors.....	05	15
387	Extra Fine Mixed. All kinds.....	05	25

CENTAUREA Cyanus (Cornflower, or Bachelor's Button).

HA. 1 to 3 ft. Handsome old-fashioned flowers.

		Pkt.	Oz.
392	Emperor William. Blue; extra large.....	\$0 05	\$0 50
393	Double Blue. Very large; handsome.....	10	1 50
394	Pink.....	05	25
395	White.....	05	25
396	Single Mixed.....	05	25
397	Double Mixed.....	05	25

CENTAUREA imperialis (Giant Cornflower). Sweet-scented. Pkt. Lge.pkt.

400	Deep Rose.....	\$0 10	\$0 75
401	Lavender.....	10	75
402	Lilac.....	10	75
403	Brilliant Pink.....	\$0 10	\$0 75
404	Purple.....	10	75
405	White.....	10	75
406	Choice Mixed.....	10	60

CENTAUREA, White-leaved. (Dusty Miller). For edges. Pkt. 500 seeds

410	gymnocarpa. Finely cut; silvery gray.....	\$0 10	\$0 20
411	candidissima. Broad leaves, cut.....	10	30

415	CENTAUREA moschata (Sweet Sultan). Handsome, fragrant purple and white flowers, like Bachelor's Button.....	\$0 05	\$0 25
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CHEIRANTHUS. See Wallflower.

CHIMNEY BELLFLOWER. See Campanula.

CHINESE BELLFLOWER. See Platycodon.

CHINESE PRIMROSE. See Primula.

CHRYSANTHEMUM. HP. 1 1/2 to 3 ft.

420	Double Mixed. All colors; autumn.....	20	65
421	frutescens (Marguerite, or Paris Daisy). White, with yellow disc.....	10	20
422	Shasta Daisy, "Alaska." White, on long stems.....	20	65

CIGAR PLANT. See Cuphea.

CINERARIA. GP. 6 to 18 inches. Handsome house plants, with brilliant round flowers of many colors.

427	Holmes' Prize Strain. Mixed colors.....	35	75
428	James' Giant Strain. Mixed colors.....	50	1 25
429	Prize Dwarf. All colors.....	35	75
430	Prize Medium Tall. Mixed colors.....	35	75
431	hybrida, Choice Mixed. Splendid selection.....	25	65
432	stellata hybrida. Mixed colors.....	50	1 25
433	plenissima. Dwarf, double, mixed.....	05	25



Celosia Thompsoni magnifica

- CINERARIA, White-leaved.** For edging. Pkt. Lge. pkt.
435 *maritima candidissima* (Dusty Miller).
 Silvery green foliage, deeply cut\$0 05 \$0 15
- CINNAMON VINE.** See Bulbs.
- 445 CITRIONODORA** (Lemon Verbena). TP. Pale green, lemon-scented foliage..... 10
- 450 CLARKIA.** A. 1½ ft. Graceful sprays of various-colored flowers..... 05 15
- CLEMATIS.** HP. Climbing vines of rapid growth.
- 455** *paniculata* (Japan Virgin's Bower). Great profusion of sweet-scented, small white flowers..... 05 20.
- Large-flowered.** See under Climbing Plants.
- 458 CLEOME pungens** (Spider Plant). A. 4 ft. Bushy plant with odd pink flowers..... 05 20
- COBÆA scandens** (Cup-and-Saucer). A. 20 ft. Rapid climber bearing quaint cup-and-saucer-like flowers..... 05 30
- 463** *White*..... 05 30
- 464** *Violet-blue*..... 05 15
- COCKSCOMB.** See Celosia.
- COIX lachryma.** See Grasses.
- COLEUS.** GS. 2 ft. Handsome plants, with foliage of many colors curiously marked and splashed.
- 469** *Large-leaved.* Bronzy foliage..... 15 65
- 470** *Finest Mixed.* All colors..... 10 50



Cosmos

COLUMBINE. See Aquilegia.

CONEFLOWER. See Rudbeckia.

CONVOLVULUS. See Morning-Glory.

COREOPSIS. See Calliopsis.

CORNFLOWER. See Centaurea.

COSMOS. A. 2 to 6 ft. Handsome, stately plants, with feathery foliage, bearing multitudes of brilliant flowers late in the season. Pinch tips of plants when a foot high to induce bushy growth.

- 475** *Holmes' Mammoth Perfection.* Mixed Pkt. colors; flowers very large and round...\$0 05 \$0 50
- 476** *Lady Lenox.* New. Large; shell-pink... 05 1 25
- 477** *Klondyke.* Golden yellow..... 10 1 25
- 478** *New Giant Mixed.*..... 05 75
- 479** *White Pond-Lily.* 5 inches across..... 05 75
- 480** *Dawn.* Dwarf; early; white..... 05 75
- 481** *Mammoth Pink.*..... 05 75
- 482** *Mammoth Crimson.*..... 05 75
- 483** *Rainbow.* All colors in one flower..... 05 1 50

COWSLIP. See *Primula veris*.

- 487 CROTOLARIA retusa** (Florida Rattlebox). A. 1½ ft. Golden yellow; much like a sweet pea in shape. Seed-pods rattle.... 10
- 490 CUPHEA platycentra** (Cigar Plant). HHA. 1 ft. Quaint scarlet tubular flowers, with white tips. For baskets..... 15

CUP-AND-SAUCER. See Campanula and Cobaea.

CUP FLOWER. See Nierembergia.

CUT-AND-COME-AGAIN. See Stocks.

CYCLAMEN, Holmes' Superb Giants. GP.

9 in. One of the handsomest and most refined of all conservatory or house plants, with exquisitely shaped and colored flowers and curiously mottled foliage. Our Cyclamen seed is grown specially for us by the leading expert in England, and we can guarantee its purity and blooming quality.

- | | | |
|--|--------|-----------|
| | Pkt. | 100 seeds |
| 492 <i>Duke of Connaught.</i> Crimson..... | \$0 50 | \$1 50 |
| 493 <i>Excelsior.</i> White, with red eye..... | 50 | 1 50 |
| 494 <i>grandiflora alba.</i> White; extra large..... | 50 | 1 50 |
| 495 <i>Princess of Wales.</i> Pink..... | 50 | 1 50 |
| 496 <i>Salmon Queen.</i> Salmon-pink..... | 50 | 1 50 |
| 497 <i>Mixed.</i> All colors..... | 50 | 1 25 |
| 498 <i>The regular Giganteum strain of any of the above varieties</i> | 35 | 1 25 |

- 502 CYPERUS alternifolius** (Umbrella Plant). GP. 2 ft. Graceful house plant with Pkt. Lge.pkt. long stems and palm-like foliage.....\$0 10 \$0 50

CYPRESS VINE (*Ipomæa Quamoclit*).

A. 20 ft. Graceful climbing vine, with feathery foliage and star-like flowers.

- | | | |
|---------------------------------|--------|--------|
| | Pkt. | Oz. |
| 507 <i>White</i> | \$0 05 | \$0 30 |
| 508 <i>Scarlet</i> | 05 | 30 |
| 509 <i>Mixed</i> | 05 | 25 |

CYPRESS, SUMMER. See Kochia.

DAHLIAS. HHA. 2 to 5 ft. Superb, decorative plants, grown mostly from roots, but can be successfully grown from seed. See, also, Bulbs and Roots.

- | | | |
|--|--------|----------|
| | Pkt. | Lge.pkt. |
| 514 <i>Superb Single.</i> Mixed colors and forms..... | \$0 10 | \$0 30 |
| 515 <i>Double Large-flowering.</i> Mixed varieties..... | 10 | 30 |
| 516 <i>Pompons.</i> Choice mixed; small flowers... .. | 10 | 30 |

DAISY, English. See *Bellis perennis*.

Swan River. See Brachycome.

Shasta. See Chrysanthemum.

Paris, or Marguerite. See Chrysanthemum.

- 521 DATURA cornucopia** (Horn-of-Plenty). HHA. 3 ft. Large foliage and long, fragrant, violet-marbled white flowers... 05 15

DELPHINIUM (Larkspur). Stately spikes of beautiful flowers in June and in fall.

Perennial Varieties:

- | | | |
|--|----|----|
| 525 <i>Belladonna.</i> 5 ft. Delicate blue..... | 25 | 65 |
| 526 <i>Burbank's Hybrids.</i> 4 to 5 ft. Mixed..... | 25 | 50 |
| 527 <i>Chinese</i> (<i>D. grandiflorum album</i>). White..... | 05 | 15 |
| 528 <i>formosum.</i> 5 ft. Deep blue..... | 05 | 20 |
| 529 <i>nudicaule.</i> 18 in. Bright scarlet..... | 10 | 50 |
| 530 <i>Zalil.</i> 4 ft. Sulphur-yellow..... | 10 | 50 |
| 531 <i>Mixed.</i> All colors..... | 05 | 20 |

Annual Varieties:

- | | | |
|---|--------|--------|
| | Pkt. | Oz. |
| 536 <i>Emperor.</i> 3 to 4 ft. Mixed colors..... | \$0 10 | \$0 40 |
| 537 <i>Tall Rocket.</i> 2 ft. Mixed colors..... | 05 | 30 |
| 538 <i>Double Dwarf Rocket.</i> 1 ft. Mixed..... | 05 | 25 |
- Giant Hyacinth-flowered:**
- | | | |
|--|----|----|
| 542 <i>Dark Blue.</i> 2½ ft..... | 05 | 60 |
| 543 <i>Shell-pink.</i> 3 ft..... | 05 | 60 |
| 544 <i>White.</i> 3 ft..... | 05 | 60 |
| 545 <i>Mixed.</i> 3 ft. All colors..... | 05 | 50 |

DIAMOND FLOWER. See *Ionopsisidium*.

DIANTHUS (Pinks). B. 1 ft. Charming, clove-scented flowers of the old time gardens. See, also, Carnations.

Double Varieties:

- | | | |
|--|--------|--------|
| 550 <i>Chinensis.</i> All colors mixed..... | \$0 05 | \$0 15 |
| 551 <i>Dwarf Snowball.</i> White..... | 05 | 20 |
| 552 <i>Dwarf Fireball.</i> Blood-red; globe-shaped..... | 10 | 20 |

Single Varieties:

- | | | |
|---|----|----|
| 557 <i>Salmon Queen.</i> Salmon-pink; fringed... .. | 05 | 20 |
| 558 <i>stellarius</i> (Star Pink). Mixed colors..... | 05 | 15 |
| 559 <i>Japonicus, "Eastern Queen."</i> Fringed..... | 05 | 20 |
| 560 <i>Dainty.</i> White..... | 05 | 15 |
| 561 <i>plumarius, "Pheasant's Eye."</i> Dark center..... | 05 | 15 |
| 562 <i>scotius</i> (Florist's Pink). Mixed..... | 10 | 20 |
| 563 <i>laciniatus, Mixed.</i> All colors..... | 05 | 15 |
| 564 <i>Large White.</i> Resembles a Carnation... .. | 05 | 20 |
- Barbatus** (Sweet William).
- | | | |
|---|----|----|
| 569 <i>Holmes' Giant Double.</i> Mixed..... | 05 | 20 |
| 570 <i>Brilliant Red</i> | 05 | 20 |
| 571 <i>Pure White</i> | 05 | 20 |
| 572 <i>Perfection.</i> Single; mixed colors..... | 05 | 20 |

DICTAMNUS fraxinella (Gas Plant). HP.

2 ft. Showy border plant; large spikes.

- | | | |
|---|----|----|
| 582 <i>rosea.</i> Rose-pink..... | 05 | 15 |
| 583 <i>alba.</i> White..... | 05 | 15 |

DIGITALIS (Foxglove). HP. 4 ft. Majestic

spires of tubular flowers of all colors.

- 588** *monstroza.* Extra large; the spire is surmounted by one large flower..... 10 30



Dianthus



Eschscholtzia

DUSTY MILLER. See *Centaurea* and *Cineraria*.

- 598 **ECHINOCYSTIS lobata** (Wild Cucumber). HA. Climbing vine. A rampant grower, covered in summer with dainty spikes of white flowers, followed by Pkt. curious seed-pods.....\$0 05 Oz. 30

ELEPHANT'S EAR. See *Caladium*.

ESCHSCHOLTZIA (California Poppy). HA. 1 ft. Masses of showy poppy-like flowers all summer.

- | | | | |
|-----|---|----|----|
| 603 | Holmes' Mammoth White. White; large | 05 | 30 |
| 604 | Hunnemannia. Bush-form; yellow..... | 05 | 75 |
| 605 | Golden West. Orange-yellow..... | 05 | 40 |
| 606 | Mandarin. Orange-yellow..... | 10 | 35 |
| 607 | Rose. Carmine-rose..... | 10 | 40 |
| 608 | Finest Single Mixed. All colors..... | 05 | 25 |

EULALIA Japonica. See *Grasses*.

- 613 **EUPHORBIA variegata** (Snow-on-the-Mountain). HA. 2 ft. Ornamental foliage, veined and margined white..... 05 30

EVENING-GLORY. See *Ipomœa*.

EVENING PRIMROSE. See *Oenothera*.

EVERLASTING FLOWERS. See *Xeranthemum*.

FALSE DRAGON HEAD. See *Physostegia*.

FEATHER GRASS. See *Grasses*.

FEVERFEW. See *Matricaria*.

FLAME FLOWER. See *Tritoma*.

FLORIDA RATTLEBOX. See *Crotolaria*.

FLOS ADONIS. See *Adonis*.

FLOSS FLOWER. See *Ageratum*.

FLOWERING FLAG. See *Iris*.

FLOWERING MAPLE. See *Abutilon*.

FLOWERING TOBACCO. See *Nicotiana*.

FORGET-ME-NOT. See *Myosotis*.

FOUR O'CLOCK. See *Mirabilis*.

FOXGLOVE. See *Digitalis*.

- 618 **FUCHSIA** (Lady's Pkt. 100sds. Eardrop). GS. 2 ft. Dainty, two-parted flowers, in various colors.....\$0 30 \$0 50

GAILLARDIA (Blanket Flower). 2 ft. Brilliant daisy-like flowers in shades of yellow and orange.

- 623 **Annual Varieties:**
picta. Mixed Pkt. Lge.pkt. colors.....\$0 05 \$0 15

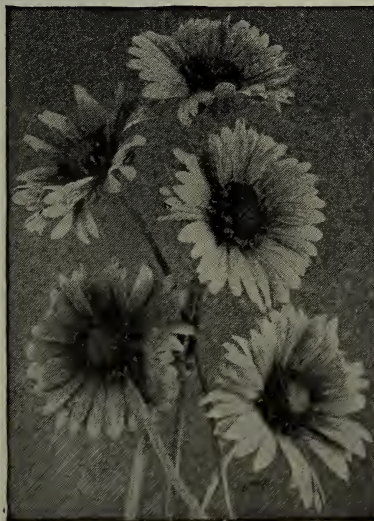
- 624 **Lorenziana fl. pl.** Mixed colors.. 05 15

- Perennial Varieties:**
626 **grandiflora.** Mixed colors; brown center.. 10 20

- 627 **grandiflora compacta.** Dwarf. 10 20

- 628 **Salmon-red.** Orange edge .. 10 30

- 629 **sulphurea oculata.** Red eye .. 10 30



Gaillardias

GAS PLANT. See *Dictamnus*.

GERANIUM (*Pelargonium*). GS. 1 1/2 ft.

The well-known and popular bedding flowers. Grow well from seed.

- | | | | |
|-----|--|--------|--------|
| 632 | Zonal. Mixed colors..... | \$0 10 | \$0 20 |
| 633 | Lady Washington. Mixed. 100 seeds, 75c. | 10 | |

GLADIOLI. See *Bulbs* and *Roots*.

GLOBE AMARANTH. See *Gomphrena*.

GLOXINIA. GP. 2 ft. Curious, velvet-throated flowers, handsomely marked, spotted and stained.

- | | | | |
|-----|--|----|----|
| 637 | Holmes' Tiger-spotted. Gorgeous coloring..... | 25 | 75 |
|-----|--|----|----|

- | | | | |
|-----|--|----|----|
| 638 | Mixed Hybrids. Brilliant colors; velvety foliage. See, also, under <i>Bulbs</i> | 25 | 75 |
|-----|--|----|----|

GODETIA (*Satin Flower*). A. 1 to 2 ft. Handsome garden plants, in constant bloom.

- | | | | |
|-----|--------------------------------------|----|----|
| 643 | Bijou. Blush-pink..... | 05 | 15 |
| 644 | gloriosa. Blood-red..... | 05 | 15 |
| 645 | Finest Mixed. All colors..... | 05 | 15 |

GOLDENROD. See *Solidago*.

GOMPHRENA (*Globe Amaranth*). A. 1 to 2 feet. Coarse plants, with a profusion of globe-shaped everlasting flowers. For winter bouquets.

- | | | | |
|-----|--|--------|--------|
| 650 | aurea superba. Golden yellow..... | \$0 05 | \$0 30 |
| 651 | nana compacta. Dwarf; red flowers.... | 05 | 30 |
| 652 | Mixed. All colors..... | 05 | 25 |

GOURDS. A. 10 to 30 ft. Climbers of quick growth, bearing yellow flowers and curious seed-vessels.

- | | | | |
|-----|--|----|----|
| 655 | Sugar Trough (<i>Sap Bucket</i>). Largest.... | 05 | 25 |
| 656 | White Egg (<i>Nest Egg</i>). Very useful..... | 05 | 25 |
| 657 | Dish-cloth (<i>Luffa</i> , or <i>Bonnet Gourd</i>)..... | 05 | 25 |
| 658 | Mock Orange. The best known..... | 05 | 25 |
| 659 | Mixed Ornamental. All sorts..... | 05 | 20 |

GRASSES, Ornamental:

- | | | | |
|-----|---|--------|-----------|
| | | Pkt. | Lge. pkt. |
| 665 | Avena sterilis (Animated Oats). A. Interesting | \$0 05 | \$0 15 |
| 666 | Briza maxima (Quaking Grass). A. For bouquets. | 05 | 15 |
| 667 | Bromus brizaeformis. A. Winter bouquets..... | 05 | 15 |
| 668 | Coix lachrymæ (Job's Tears). Seed resembles tears..... | 05 | 10 |
| 669 | Eulalia Japonica. HP. Beautiful... | 05 | 15 |
| 670 | Gynerium argenteum (<i>Pampas Grass</i>) H.P. Fine. | 05 | 15 |
| 671 | Hordeum jubatum (<i>Squirrel Tail Grass</i>). A. Bushy. | 05 | 15 |
| 672 | Pennisetum Rueppelianum (<i>Purple Fountain Grass</i>). A. Crimson plumes..... | 05 | 15 |
| 673 | Stipa pennata. HP (<i>Feather Grass</i>). 05 | 15 | |

SPECIAL OFFER. One packet each of the above nine varieties of Ornamental Grasses, 40 cts., postpaid.



Helianthus multiflorus

- 678 **GYPSOPHILA paniculata** (Baby's Pkt. Lge. pkt. Breath). HP. 3 ft. Small white flowers in sprays forming a misty effect above the plant.\$0 05 \$0 15
- HELIANTHUS** (Sunflower). A. and HP. Bold, majestic plants with large ray flowers.
- 683 **cucumerifolius**. A. 3 ft. Yellow 05 15
- 684 **multiflorus**. P. 4 ft. Double; golden ... 05 15
- 685 "The Dahlia." P. 7 ft. Double; golden. 05 15
- 686 **Silver-leaved**. A. 4 ft. Foliage silvery... 05 15
- 687 **Miniature**. A. 3 ft. Small; orange-yellow. 05 15
- 692 **HELENIUM Bigelovii**. HP. 5 to 6 ft. Daisy-like yellow flowers. 10 30
- 697 **HELICHRYSUM** (Straw Flower). A. 2 to 3 ft. One of the best "everlasting" flowers. All colors. 05 15
- HELIOTROPE**. GS. 2 ft. Beautiful sprays of small flowers of exquisite perfume.
- 702 **Holmes' Mammoth Blue**. Largest of all. Flower heads often measure a foot across. 10 50
- 703 **Choice Mixed**. All shades; delicious perfume. 10 25
- 708 **HESPERIS** (Sweet Rocket; Dame's Rocket; Dame's Violet). HP. 2 to 3 ft. Spikes of white, lilac and pink flowers; fragrant... 05 15
- HIBISCUS** (Mallow). HP. 2 to 3 ft. Magnificent, large, saucer-shaped flowers of exquisite colors.
- 713 **Golden Bowl**. Cream-color; flowers 6 to 9 in. 05 20
- 714 **moscheutos roseus**. Rose-pink. 05 20
- 715 **palustris**. Pink. 05 20
- HOLLYHOCK** (Althaea). HP. 4 ft. Majestic spires of flowers of splendid colors. Pkt. Oz.
- 720 **Chater's Superb Double**. Mixed colors.\$0 10 \$2 00
- 721 **Allegheny**. Semi-double; mixed; fringed. 10 1 00
- HONESTY**. See Lunaria.
- HORDEUM jubatum**. See Grasses.
- HORN-OF-PLENTY**. See Datura.
- HONEYSUCKLE**. See Climbing Plants.
- HUMBLE PLANT**. See Mimosa.

- 726 **HUMULUS Japonicus variegata** (Japanese Hop). A. 20 to 30 ft. Rapid Pkt. Oz. climber with green and white foliage. . \$0 05 \$0 75
- HYACINTHUS**. See Bulbs.
- IBERIS**. See Candytuft.
- ICE PLANT**. See Mesembryanthemum.
- IMPATIENS** (Sultan's Balsam). GS. 2 ft. A charming house plant with dark green, shining foliage and bright flowers; always in bloom. Splendid garden plants, also. Pkt. Lge.pkt.
- 731 **Sultani**. Rosy scarlet flowers\$0 15 \$0 40
- 732 **Holstii**. Bright scarlet flowers..... 15 65
- balsamina**. See Balsam.
- 737 **IONOPSIDIUM acaule** (Diamond Flower). A. 3 in. Splendid rockery plant with violet flowers..... 10
- IPOMEEA** (Evening-Glory). A. Climbing Vine. Rapid grower, with large flowers opening in the evening or on cloudy days. Pkt. Oz.
- 742 **noctiflora** (Moonflower). White.....\$0 10 \$0 75
- 743 **grandiflora superba**. Blue, with white margins..... 05 25
- 744 **Mexicana grandiflora alba**. White..... 05 25
- Quamoclit**. See Cypress Vine.
- IRIS** (Flowering Flag). 2 ft. Most gorgeous of all the "Flags." Blooms second year from seed.
- 750 **Kämpferi** (Japanese Iris). All colors.... 10 75
- 751 **Finest Mixture**. Newest Japanese varieties..... 10 1 00
- JACOBEEAN LILY**. See Amaryllis.
- JAPANESE HOP**. See Humulus.
- JERUSALEM CHERRY**. See Solanum.
- JERUSALEM CROSS**. See Lychnis.
- JOB'S TEARS**. See Grasses.
- KENILWORTH IVY**. See Linaria.
- 756 **KOCHIA tricophylla** (Summer Cypress, or Mexican Fire Bush). A. 3 ft. Forms a cypress-like hedge, which turns deep Pkt. Lge.pkt. red in autumn.....\$0 10 \$0 15
- KUDZU VINE**. See Pueraria.
- LADY'S EARDROP**. See Fuchsia.
- LANTANA**. GS. 2 ft. Verbena-like flowers in shades of yellow, and bronzy reds. Constantly in bloom.
- 761 **Holmes' Mixed Hybrids**. All colors..... 05 20
- 762 **Dwarf Mixed**. All colors..... 10 20
- 763 **Tall Mixed**. All colors..... 10 20
- LARKSPUR**. See Delphinium.
- 768 **LATHYRUS latifolius** (Perennial Pea). HP. Climbing Vine. Resemble sweet peas, Pkt. Oz. but last for years. Mixed colors.....\$0 10 \$0 30
- 773 **LAVATERA trimestris**. A. 2 ft. Glossy Pkt. Lge.pkt. foliage and mallow-like, red flowers....\$0 05 \$0 20
- LEMON VERBENA**. See Citriondora.
- 778 **LINARIA cymbalaria** (Kenilworth Ivy). GS. 3 to 6 ft. Trailing plant with violet flowers. Fine for baskets and window boxes..... 05 30



Hibiscus moscheutos roseus

LOBELIA. Handsome garden plants, valuable for their blue and white flowers.

Annual Varieties:

	Pkt.	Lge. pkt.
783 compacta alba. White; trailing.....	\$0 10	\$0 30
784 compacta. Mixed colors.....	10	30
785 Crystal Palace. Dwarf; blue; trailing..	10	25

Perennial Variety:

786 cardinalis (Cardinal Flower). Rich cardinal-red.....	10	50
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LOVE-IN-A-MIST. See Nigella.

LOVE-IN-A-PUFF. See Cardiospermum.

791 LUNARIA biennis (Honesty; Satin Flower).

B. 2 ft. Interesting garden plants with purple flowers and curious, transparent seed-pods much used for winter decoration.....

LUPINUS (Lupin). A. and HP. 2 ft. Splendid showy plants bearing fine spikes of pea-shaped flowers of all colors.

796 Annual Varieties. All colors mixed.....	05	20
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797 Perennial Varieties. All colors mixed..	10	30
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802 LYCHNIS Chalcedonica (Jerusalem Cross). HP. 2 ft. Fine, showy garden plants, with scarlet cross-shaped flowers in clusters.....

MADAGASCAR PERIWINKLE. See Vinca.

MALLOW. See Hibiscus.

MARGUERITE. See Chrysanthemum.

MARIGOLD (Tagetes). HA. Favorite garden annuals in all shades of yellow, brown and red. Very free flowering; require sunny situation.

Large African Varieties. 3 ft.

807 Lemon Queen. 3 ft. Lemon-yellow...	05	1 00
808 Eldorado. 3 ft. Yellow; large.....	05	1 00
809 Double Mixed. 3 ft. All shades.....	05	75

French Varieties:

814 Legion of Honor. 6 in. Yellow and brown.....	05	75
815 Striped Single. 1 ft. Yellow and brown.	05	50
816 Brown-marbled. 1 ft. Red and brown.	05	50
817 Double Mixed. Tall, 18 in. Mixed....	05	75
818 Dwarf Striped. Dark brown.....	05	75

MARIGOLD, POT. See Calendula.

MARVEL OF PERU. See Mirabilis.

823 MATRICARIA (Feverfew). HA. 2 ft. Showy, double, white flowers; for bedding or pots

MATTHIOLA. See Stocks.

MAURANDYA. GP. 10 ft. Graceful climber, with foxglove-like flowers.

	Pkt.	Lge. pkt.
828 Large-flowering Rose. New.....	\$0 05	\$0 25
829 Dark Purple.....	05	25
830 Fine Mixed. All colors.....	05	25



Marigold

MIGNONETTE (Reseda). HA. 1 to 1½ ft. Charming old-time favorite, of exquisite perfume.

	Pkt.	Lge. pkt.
835 Holmes' Giant Sweet-scented. Golden yellow; very fragrant.....	\$0 10	\$0 50
836 Holmes' Dwarf Machet. Red; fragrant.	05	75
837 Allen's Defiance. Red; extra choice.....	05	75
838 odorata grandiflora. Large and fragrant.	05	15
839 gigantea. Mixed colors.....	05	30
840 Bismarck. Compact plant; large flowers..	05	2 00
841 Giant Pyramidal. Bright red.....	05	50
842 Goliath. Red; extra large.....	05	1 50

MESEMBRYANTHEMUM (Ice Plant). A. 6 inches. For edging and baskets.

	Pkt.	Lge. pkt.
847 crystallinum. Foliage icy in appearance.....	\$0 05	\$0 15
848 tricolor (Wax Plant). Foliage feels icy.....	05	15

MEXICAN FIRE BUSH. See Kochia. **MILFOIL.** See Achillea.

853 MIMOSA pudica (Sensitive, or Humble Plant). A. 18 in. Purplish white flowers; leaves droop when touched.....

MIMULUS. A. Peculiarly marked flowers.

858 moschatus (Musk Plant). Mixed colors	05	30
859 tigrinus (Monkey Flower). Resembles a monkey's face.....	05	30

864 MIRABILIS Jalapa (Four-o'clock; Marvel of Peru). A. 2 ft. Red and yellow flowers all summer, opening about four o'clock.....

MOMORDICA. HHA. Climbing. Splendid vines, bearing yellow flowers and ornamental fruit of medicinal value..

	Pkt.	Oz.
869 Balsamina (Balsam Apple). Yellow pods, scarlet seeds.....	\$0 05	\$0 30
870 Charantia (Balsam Pear). Round, pear-shaped pods.....	05	30

MONKEY FLOWER. See Mimulus.

MONK'S-HOOD. See Aconitum.

MONTBRETIA. See Bulbs.

MORNING BRIDE. See Scabiosa.

MORNING-GLORY (Convolvulus). A. Climbing. The old and well-known climbing vines.

	Pkt.	Oz.
875 Rochester. Blue, with white eye.....	\$0 05	\$0 25
876 True Japanese. Mottled and striped.....	05	25
877 Fine Mixed. All colors.....	05	10
878 tricolor, or minus. Blue; trailing.....	05	20

MUSK PLANT. See Mimulus.

MYOSOTIS (Forget-me-not). 6 in.

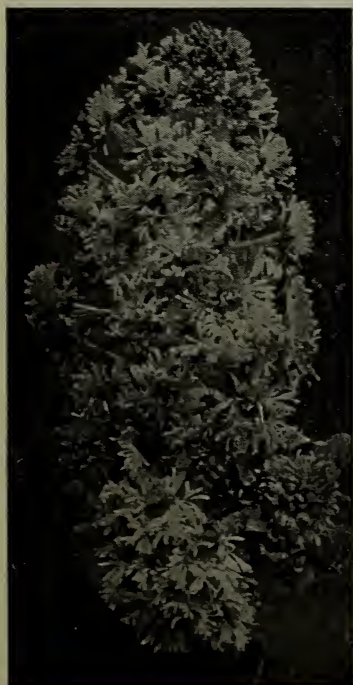
Biennial Varieties. Bloom first year.

	Pkt.	Lge. pkt.
883 alpestris, Victoria. Bright blue; large	\$0 10	\$0 30
884 Eliza Fonrobert. Large; bright blue.....	10	20
885 grandiflora alba. Large; white flowers.....	10	25
886 grandiflora rosea. Large, pink flowers.....	10	25
887 palustris. True "Forget-me-not" blue.....	10	40
888 Choice Mixed. All sorts and colors.....	05	20

Perennial Varieties: Increase each year.

893 dissitiflora. Deep blue flowers.....	10	40
894 palustris semperflorens. Everblooming.....	10	30

MYRSIPHYLLUM. See Smilax.



Mignonette

Nasturtium (Tropæolum)

This old, favorite flower has been so wonderfully improved of late that the different varieties present an array of colors almost bewildering in their magnificence. They flower most profusely when the soil is not too rich. The climbing varieties form splendid screens, while the dwarf kinds are admirable for borders or in front of shrubbery.

Tall or Climbing Varieties:

		Pkt.	Oz.
900	Chameleon (Coquette). Splashed and bordered.....	\$0 05	\$0 10
901	Coccineum. Scarlet.....	05	10
902	Coccineum fol. aureis. Yellow foliage.....	05	10
903	Dunnett's Orange (Sunlight). Golden.....	05	10
904	Edouard Otto. Lilac-brown.....	05	10
905	Fordhook Fashion. Veined old rose.....	05	15
906	Hemisphaericum. Straw; rose blotched.....	05	10
907	Jupiter. Golden yellow.....	05	10
908	Pearl (Moonlight). Creamy white.....	05	10
909	Vesuvius. Salmon-rose.....	05	10
910	Finest Mixed Tall Varieties. All colors.....	05	10

Lobb's Climbing Varieties. Lobbianum:

920	Asa Gray. Cream-yellow.....	05	15
921	Black Princess. New. Dark maroon.....	05	20
922	Brilliant. Bright scarlet.....	05	15
923	Crown Prince of Prussia. Dark blood-red.....	05	15
924	Firefly. Orange-yellow.....	05	15
925	Primrose Cream - White. Maroon-spotted.....	05	15
926	Princess Victoria Louise (Margaret). Cream-white, spotted and veined scarlet.....	05	15
927	Queen Alexandra. Blood-red; variegated.....	10	25
928	Queen Dowager Emma. Crimson; variegated.....	10	25
929	Queen of the Morning. New. Scarlet.....	10	25
930	Queen of the North. Yellow; variegated.....	10	25
931	Queen of Spain. Golden yellow; variegated.....	10	25
932	Queen Wilhelmina. Scarlet; variegated.....	10	25
933	Rudolph Virchow. Soft, rosy pink.....	05	15
934	Spitfire. Fiery scarlet.....	05	10
935	Finest Mixed Lobbianum Varieties. All colors.....	05	10

Lobbianum Lilliput Hybrids:

940	Fairy King. White and dark rose.....	05	20
941	Fairy Queen. Yellow, turning to brown.....	05	20
942	Lady Cherry. Dark wine-red.....	10	25
943	Othello. New. Deep red.....	05	20
944	Queen of Holland. Light yellow to purple.....	10	20
945	Rubin. Ruby-red.....	05	20
946	Snow Queen. New. Cream-white.....	10	25
947	Finest Mixed of above. All colors.....	05	15

Lobbianum Ivy-leaved Sorts:

960	Emma Alida. Yellow and orange; laciniated.....	10	25
961	Mourning Bride. Velvety crimson.....	10	25
962	Prinzessin Juliana. Gold-orange; deeply cut.....	10	25
963	Finest Mixed Ivy-leaved. All kinds and colors.....	10	20

Tom Thumb, or Dwarf Varieties:

970	Aurora. Terra cotta.....	05	10
971	Bronze. Splendid form.....	05	10
972	Chameleon. Cream-white, spotted scarlet.....	05	15
973	Golden Blotched. With scarlet blotch.....	05	10
974	Golden Midnight. Dark purple.....	05	10
975	Golden Queen. Golden yellow.....	05	10
976	Golden Rose. Pink.....	05	20
977	King of Tom Thumbs. Bright scarlet.....	05	10
978	Lady Bird. Orange, spotted scarlet.....	05	15
979	Pearl (Moonlight). Cream-yellow.....	05	15
980	Prince Henry. White, spotted scarlet.....	05	15
981	Ruby King. Ruby-red.....	05	10
982	Rudolph Virchow Scarlet. Brilliant.....	05	15
983	Spotted King. Dark yellow, brown spots.....	05	15
984	Vesuvius. New. Salmon-rose.....	05	15
985	Tom Thumb Varieties Mixed. All colors.....	05	10

Queen of Tom Thumbs. Variegated foliage:

995	Bright Rosy Scarlet. Very bright.....	05	10
996	Brilliant Crimson. White veins.....	05	15
997	Chameleon. Variable colors.....	05	15
998	Crystal Queen. Orange, blotched.....	05	10
999	Deep Orange-Scarlet. New. Brilliant.....	05	10
1000	Golden Yellow. Handsome.....	05	10
1001	Sulphur-Yellow. Very refined.....	05	10
1002	Queen of Tom Thumbs Mixed.....	05	10

Tom Thumb Spencer Varieties:

1012	David Burpee. Velvety purple-scarlet.....	05	25
1013	Lady Bird. Orange; dark foliage.....	05	25
1014	Riemke Groot. Bright scarlet.....	05	25
1015	Spencer Mixed. All colors.....	05	15

1025	NEMOPHILA insignis (Love Grove). A. Pkt. Lge.pkt. 1 ft. Border plants bearing a profusion of cup-shaped flowers, all colors.....	\$0 05	\$0 15
1030	NICOTIANA affinis (Flowering Tobacco). TP. 3 ft. Showy plants, with broad foliage and fragrant white flowers.....	05	15
1035	NIEREMBERGIA frutescens (Cup Flower). TP. 1 ft. Bedding plant, with white flowers tinted lilac.....	05	20
1040	NIGELLA Damascena (Love-in-a-Mist). A. 1 ft. Quaint blue flowers surrounded by finely cut foliage forming a misty effect.....	05	15
1045	GENOTHERA (Evening Primrose). A. 2 to 3 ft. Shrubby plants bearing a great profusion of brightly colored flowers opening as the sun goes down. Mixed colors.....	05	15

Pansies

These are a specialty with us, and our collection is the richest in variety and coloring ever offered in this country. Our seed is saved from the finest specimen flowers and is guaranteed fresh and true to name.

Mixtures of Giant-flowered Pansies:

1050	Holmes' Triumph of the Giants. Robust, compact-growing plants; flowers enormous in size, of rich and rare colors.....	\$0 15	\$8 00
1051	Holmes' Mammoth Five-blotched. Magnificent extra-large flowers, superbly marked.....	10	5 00
1052	Holmes' Giant Masterpiece. Enormous flowers, 4 inches across, with ruffled edges and distinct colors and markings.....	10	7 00
1053	Bugnot's Giant Spotted. Color radiates on margin of petals; beautifully spotted.....	10	5 50
1054	Mme. Perret. Great American Giant, "Red, White and Blue.".....	10	3 00
1055	Odier Five-spotted Beauties. Of perfect form and wondrous beauty.....	10	3 00
1056	Goliath Cattleya Orchid-flowered. Exquisite.....	10	3 50
1057	Giant Trimardeau. Enormous in size and great variety of colors.....	10	2 00
1058	Trimardeau Giant Spotted Parisian. Extra large; gorgeous colors.....	10	2 50
1059	Cassier and Trimardeau Mixture. Superb mixture of large flowers.....	10	2 25

Named Giant-flowered Pansies:

1070	Auricula-flowered, Prince Bismarck. Light blue, striped rosy lilac.....	10	1 50
1071	King of Blacks. Violet-blue.....	10	1 50
1072	Giant Cassier, Hortensia Red. New.....	10	3 00
1073	Giant Marmorata. Marbled on purple, red and crimson ground.....	10	2 50
1074	Odier Five-Spotted Yellow. Magnificent.....	10	6 00
1075	Odier Five-spotted White. Extra fine.....	10	6 00
1076	Psyche. Velvety violet on white; curled.....	10	6 00
1077	Giant Vulcan. Dark red, five black blotches.....	15	7 00

Giant Trimardeau, separate colors:

1087	Adonis. Light blue.....	10	2 00
1088	Atropurpurea. Dark purple.....	10	2 00
1089	Fire King. Brilliant yellow and purple.....	10	2 00
1090	Canary Bird. Golden yellow.....	10	2 00
1091	Indigo-Blue. Very rich color.....	10	2 00
1092	Emperor William. Ultramarine-blue.....	10	2 00
1093	Lord Beaconsfield. Purple and lavender.....	10	2 00
1094	Peacock. Blue, edged white.....	10	2 00
1095	White with Eye. Black center; showy.....	10	2 00
1105	Crimson King. Very brilliant.....	10	2 25
1106	Mauve Queen. Dainty mauve.....	10	2 25
1107	Snowflake. Dazzling white.....	10	2 25

1164	PASSIFLORA caerulea (Passion Vine). TP. 8 to 10 ft. Interesting vine, with blue, wax-like flowers.....	\$0 05	\$0 25
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PETUNIAS. These are among the most easily grown of all garden annuals and furnish a magnificent succession of brilliant flowers.

1170	New Fimbriata, Canary Bird. Beautifully fringed flowers of distinct yellow, deeper in throat.....	\$0 15	\$1 75
1171	Holmes' Defiance. Extra large; all colors.....	10	1 25
1172	New Star. Perfect star in center; all colors.....	10	1 00
1173	Holmes' Fancy Fringed. All colors.....	10	1 00
1174	Double Giant. Large. 250 seeds, \$1.75.....	25	
1175	Hybrids, Finest Mixed.....	Oz., \$1.	05

PRICES OF NASTURTIIUMS IN QUANTITY, except Lilliput, Lobbianum, Ivy-leaved and Spencer varieties: 1/4 lb. 25 cts., lb. 75 cts.

PHLOX Drummondii. 6 in. to 1 ft. Among the best of all garden plants, producing masses of flowers of dazzling colors constantly all summer.

Annual Varieties:

1185	Holmes' Large-flowering. Mixed Pkt. colors.....	\$0 10	Oz. \$0 75
1186	Starred and Fringed. Charming in shape; all colors.....	10	75
1187	Meteor. Brilliant scarlet.....	05	75
1188	alba. White flowers.....	05	80
1189	Apricot. Beautiful shades.....	05	2 50
1190	Shell-pink. Very dainty.....	05	75
1191	Dwarf Compact. All colors.....	05	1 40
1192	Splendid Mixed. All colors and kinds.....	05	50

Perennial Variety:

1200	decussata. 2 ft. All colors; flowers in splendid panicles.....	05	1 50
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1210	PHYSOSTEGIA denticulata (False Dragon head). P. 3 to 4 ft. Spikes of tubular Pkt. Lge.pkt. flowers of all colors.....	\$0 10	\$0 20
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PINKS. See Dianthus and Carnations.

PLATYCODON (Chinese Bellflower). HP. 2 ft. Splendid hardy garden plants bearing beautiful blue and white bell-shaped flowers in profusion.

1215	grandiflorum. Blue; large flowers.....	05	15
1216	grandiflorum album. White flowers.....	05	15
1217	Japonicus fl. pl. (Double Japanese Bellflower). Deep blue.....	15	40

POCKET FLOWER. See Calceolaria.

POPPIES (Papaver). Brilliant and showy garden flowers growing freely from seed. Sow where intended to bloom, as they will not stand transplanting.

Annual Varieties, Single:

1225	Brilliant. Dazzling red.....	\$0 05	Pkt. \$0 30
1226	Danebrog. Scarlet, silvery white spot.....	05	25
1227	Dwarf Shirley. Beautifully variegated.....	05	30
1228	Maid of the Mist. White; fringed.....	05	30
1229	Japanese Dwarf. Mixed colors.....	05	30
1230	Tulip-flowered. Mixed colors; tulip-shaped.....	05	50

Annual Varieties, Double:

1240	Cardinal. Hybrids; scarlet; enormous size.....	05	20
1241	Golden Gate. All colors; magnificent.....	05	20
1242	Improved Carnation-flowered. Fringed flowers, all colors.....	05	20
1243	Peony-flowered. Splendid flowers, all colors.....	05	25

Perennial Varieties:

1250	Oriental Giant. Enormous; brilliant.....	05	75
1251	bracteatum. Brilliant scarlet, black spot.....	05	1 00
1252	nudicaule (Iceland Poppy). Brilliant.....	20	75
1253	Mixed Hybrids. Gorgeous, large flowers.....	10	1 00

POPPY MALLOW. See Callirhoe.



Primula obconica grandiflora



Phlox Drummondii with Double Poppies in the background

PORTULACA. A. Trailing. Forms a brilliant display of many-colored flowers surmounting peculiar heavy foliage. Sow where they are to bloom when ground is warm.

1263	Finest Single Mixed. All colors.....	\$0 05	Pkt. Lge.pkt. \$0 15
1264	Double Rose-flowered Mixed. All colors.....	05	50

PRIMULA (Primrose). 6 inches to 2 ft. Most beautiful greenhouse and garden plants with dainty flowers of all colors. Our seed is saved from the finest specimens and is unexceptionally pure.

Fringed Chinese Varieties:

1270	Holmes' Prize Mixture. Contains only the very finest varieties. Seed selected from prize-winning plants.....	25	75
1271	alba magnifica. White, with yellow eye.....	35	75
1272	Brilliant Red. Magnificent color.....	35	75
1273	Holborn Blue. Brilliant shade.....	35	75
1274	Kermesina splendens. Crimson.....	35	75
1275	Rosy Morn. Tender Pink.....	35	75

Obconica gigantea Varieties:

1280	lilacina. Pale lilac.....	20	65
1281	rosea. Brilliant pink.....	20	65
1282	Kermesina. Bright crimson.....	20	65
1283	alba. Pure white.....	20	65
1284	Hybrids, Mixed. All colors.....	20	65

Obconica grandiflora Varieties:

1290	compacta. Dwarf; rosy lilac.....	25	65
1291	fimbriata. Fringed; all colors.....	10	65
1292	Vesuvius. Dark crimson.....	25	65

Miscellaneous Varieties:

1297	Buttercup. New. Yellow; for pots.....	25	65
1298	Forbesi (Baby Primrose). Rosy lilac.....	25	65
1299	malacoides. New. Lilac, in clusters.....	25	65

Hardy Varieties:

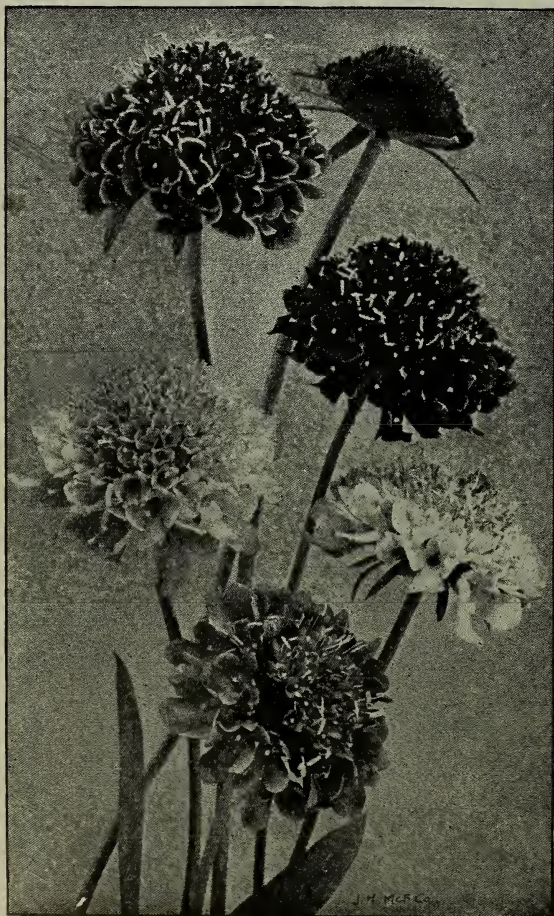
1304	cortusoides Sieboldii. Mixed colors; for garden or pots.....	15	65
1305	veris (English Cowslip). Mixed colors; old and well known.....	10	20
1306	vulgaris (English Primrose). Canary-yellow. The common hardy Primrose of gardens.....	10	40

1310	PUERARIA Thunbergiana (Kudzu Vine). HP. Climber. The fastest-growing vine known. Immense heart-shaped leaves and purple pea-shaped flowers.....	05	30
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PURPLE FOUNTAIN GRASS. See Grasses.



- Pkt. Lge.pkt.
- 1315 **PYRETHRUM roseum**. HP. 2 ft. Rose-colored, daisy-like flowers.....\$0 10 \$0 25
- QUAKING GRASS**. See Grasses.
- RED-HOT POKER**. See Tritoma.
- RESEDA**. See Mignonette.
- RICHARDIA** (Calla). See Bulbs.
- RICINUS** (Castor-Oil Plant). A. 6 to 12 ft. Magnificent foliage plants with enormous leaves and clusters of beans. Pkt. Oz.
- 1320 **Holmes' Giant**. Enormous brown leaves. 15 ft.....\$0 10 \$0 50
- 1321 **Zanzibariensis**. Very large leaves varying from light green to purplish red. 10 ft. 05 15
- 1322 **Borboniensis**. 15 ft. Tall; green leaves. 05 15
- 1323 **Mixed**. All kinds and colors..... 05 15
- ROSES, All Kinds**. See Hardy Roses.
- ROSE CAMPION**. See Agrostemma. Pkt. Lge.pkt.
- 1328 **ROSEMARINUS officinalis** (Rosemary). HP. 2 ft. Shrub-like plant with fragrant foliage and blue flowers. Yields aromatic oil.....\$0 05 \$0 25
- RUDBECKIA** (Coneflower). HP. 2 to 3 ft. Strong-growing plants bearing great numbers of ray flowers on long stems.
- 1333 **laciniata** (Golden Glow). Bright yellow. 05 20
- 1334 **purpurea**. Reddish purple, brown disc.. 05 20
- 1335 **superba**. Yellow with brown disc..... 05 15
- SALPIGLOSSIS** (Velvet Flower). HHA. 18 in. Beautiful orchid-like flowers, exquisitely marked and veined.
- 1340 **Emperor**. New. Wondrous gold-veined flowers in clusters..... 05 40
- 1341 **superbissima variabilis**. New. Many colors, veined with gold..... 05 30
- 1342 **Mixed Hybrids**. All colors and markings. 05 25
- SALVIA** (Flowering Sage). HHA. Most showy of all garden flowers, bearing great masses of brilliantly colored blossoms in spikes.
- 1347 **Bonfire** (Clara Bedman). Scarlet..... 10 30

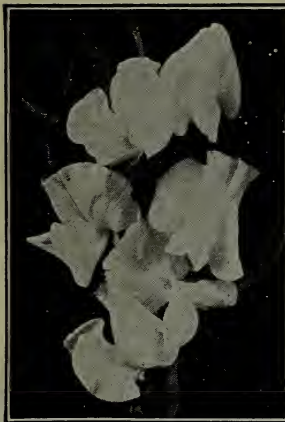


Scabiosa

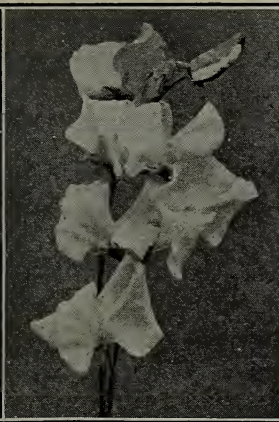


Stokesia cyanea

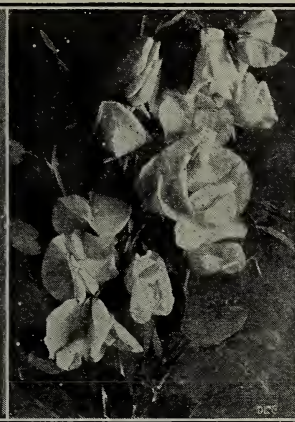
- Salvia**, continued Pkt. Lge.pkt.
- 1348 **Ball of Fire**. Dwarf; early; scarlet...\$0 15 \$0 40
- 1349 **splendens** (Scarlet Sage). Brilliant..... 05 30
- 1350 **Zurich**. Crimson-scarlet; dwarf..... 15 40
- SAND VERBENA**. See Abronia.
- SATIN FLOWER**. See Godetia.
- SCABIOSA** (Mourning Bride). HHA. 2 ft. Easily grown garden plants.
- 1355 **Double Black**. Black-purple..... 05 15
- 1356 **Dwarf Double Mixed**. All colors..... 05 15
- SCARLET SAGE**. See Salvia.
- 1360 **SCHIZANTHUS Wisetoniensis** (Butterfly Flower). HHA. 18 in. Orchid-like flowers of all colors..... 05 65
- SENSITIVE PLANT**. See Mimosa.
- 1365 **SMILAX** (*Myrsiphyllum asparagoides*). GP. Climbing. Delicate greenhouse Pkt. Oz. climber with heart-shaped leaves....\$0 10 \$0 65
- SNAPDRAGON**. See Antirrhinum.
- 1370 **SOLANUM capsicastrum** (Jerusalem Cherry). GP. 1 ft. Handsome pot-plant for the house, with yellow flowers followed by scarlet cherry-like seed-pods.. 05 40
- 1375 **SOLIDAGO Canadensis** (Goldenrod). HP. 3 ft. The well-known wild flower of autumn, with golden plumes..... 05 50
- SPEEDWELL**. See Veronica.
- SPIDER PLANT**. See Cleome.
- SQUIRREL-TAIL GRASS**. See Grasses.
- 1380 **STOKESIA Cyanea** (Stokes' Aster). HP. 1½ to 2 ft. Splendid aster-like flowers of pale blue. Always in bloom..... 10 2 50
- STRAW FLOWER**. See Helichrysum.
- STOCKS, Ten weeks** (Matthiola; Cut-and-Come-Again). HHA. 1 to 1½ ft. Old favorites of the garden with splendid spikes of fragrant flowers of all colors.
- 1385 **Princess Alice**. Pure white; double..... 10 40
- 1386 **Holmes' New Largest-flowering Globe** Pyramidal. Mixed..... 10 50
- 1387 **Emperor**. Extra large; mixed colors..... 10 60
- SUMMER HYACINTH**. See Bulbs.
- SUNFLOWER**. See Helianthus.
- SWAN RIVER DAISY**. See Brachycome.
- SWEET ALYSSUM**. See Alyssum.



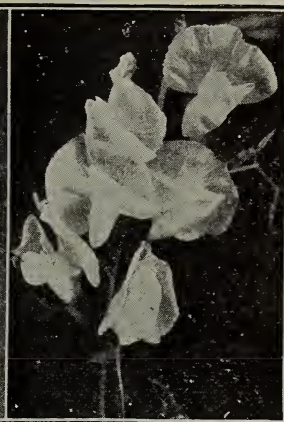
Beatrice Spencer



Primrose Spencer



Lottie Eckford



Dorothy Eckford

Sweet Peas

All our strains of Sweet Peas are grown especially for us by one of the best experts in the country, and we can recommend them as being absolutely fresh and true to name. The new types listed below will be a revelation to the lover of Sweet Peas, as they are of size, color and form never dreamed of before by the enthusiast. And everyone who grows Sweet Peas becomes an enthusiast.

Best Spencer Varieties

CREAM-YELLOW SHADES	Pkt.	Oz.	¼lb.	Lb.
1400 Primrose Spencer.....	\$0 05	\$0 40	\$1 25	\$4 00

DEEP ROSE, or PINK SHADES

1406 Beatrice Spencer.....	05		75	2 50
1407 George Herbert.....	05	25	75	2 00
1408 Helen Lewis.....	05	35	1 00	3 50

LIGHT PINK SHADES

1415 Blanche Ferry Spencer.....	05	40	1 25	4 00
1416 Countess Spencer.....	05	25	75	2 50
1417 Mrs. Routzahn Spencer.....	05	40	1 25	4 00

MAROON SHADES

1420 Othello Spencer.....	05	35	1 00	3 00
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WHITE SHADES

1425 White Spencer. Pure white...	05	40	1 25	4 00
1430 Holmes' Superb Spencers, Mixed. All colors.....	05	35	1 00	3 00

Unwin Waved Varieties

LAVENDER SHADES	Pkt.	Oz.	¼lb.	Lb.
1435 Frank Dolby.....	\$0 05	\$0 35	\$1 00	\$3 00

LIGHT PINK SHADES

1440 Gladys Unwin.....	05	20	50	1 50
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ROSE-PINK SHADES.

1445 Phyllis Unwin.....	05	25	75	2 00
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WHITE SHADES

1450 Nora Unwin. Pure white....	05	25	75	2 00
1455 Holmes' Superb Unwins Mixed. All colors.....	05	20	50	1 50

Large-flowering Grandiflora Types

This list contains the best of the standard Sweet Peas, with large, expanded or hooded petals.

DARK BLUE SHADES	Pkt.	Oz.	¼lb.	Lb.
1460 Navy-Blue.....	\$0 05	\$0 15	\$0 40	\$1 00

DEEP PINK SHADES

1465 Coccinea.....	05	15	40	1 00
1466 Janet Scott.....	05	25	75	2 00

LAVENDER AND BLUE SHADES

1470 Countess of Cadogan.....	05	15	35	75
1471 Helen Pierce.....	05	20	50	1 50
1472 Mrs. Walter Wright.....	05	15	35	75

LARGE-FLOWERING GRANDIFLORA TYPES continued

LIGHT PINK SHADES

1480 Agnes Eckford.....	\$0 05	\$0 20	\$0 50	\$1 50
1481 Blanche Ferry.....	05	15	40	1 00
1482 Blanche Ferry, Extra Early..	05	15	40	1 00
1483 Katherine Tracy.....	05	15	40	1 00
1484 Lovely.....	05	15	40	1 00
1485 Prince of Wales.....	05	15	40	1 00

MAROON SHADES

1490 Black Knight.....	05	15	40	1 00
1491 Othello.....	05	15	40	1 00

ORANGE SHADES

1500 Henry Eckford.....	05	15	40	1 00
1501 Miss Willmott.....	05	15	35	75

PRIMROSE SHADES

1505 Hon. Mrs. E. Kenyon.....	05	15	35	75
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RED SHADES

1510 America.....	05	15	40	1 00
1511 George Gordon.....	05	15	35	75
1512 King Edward VII.....	05	15	40	1 00
1513 Queen Alexandra.....	05	15	40	1 00

VIOLET AND PURPLE SHADES

1520 Duke of Westminster	05	15	40	1 00
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WHITE SHADES

1525 Blanche Burpee. Pure white..	05	15	40	1 00
1526 Dainty.....	05	15	40	1 00
1527 Dorothy Eckford. Pure white.	05	15	40	1 00
1528 Lottie Eckford.....	05	15	40	1 00
1529 Phenomenal.....	05	15	40	1 00
1535 Holmes' Superfine Mixture. All colors.....	05	15	40	1 00

For Christmas Forcing

	Pkt.	Oz.	¼lb.	Lb.
1540 Burpee's Early White.....	\$0 05	\$0 25	\$0 75	\$2 00
1541 Christmas Meteor. Scarlet....	05	25	75	2 00
1542 Christmas Pink.....	05	25	75	2 00
1543 Earliest of all. Pink and white	05	25	75	2 00
1544 Mont Blanc. Pure white.....	05	25	75	2 00
1545 Mrs. C. H. Totty. Pale mauve.	05	25	75	2 00
1546 Mrs. E. Wild. Bright rose....	05	25	75	2 00
1547 Mrs. G. Lewis. Pure white....	05	25	75	2 00
1548 Mrs. Wm. Sim. Salmon-pink.	05	25	75	2 00
1555 Holmes' Christmas. Mixed All colors.....	05	15	50	1 50

Mr. R. W. Edelblute, Lewisberry, Pa., writes: *Every seed I purchased from you this year has proved entirely satisfactory. I have been dealing with your house for many years, occasionally getting seed from other parties, but I decided to place my orders where I can get the best seed.*

SWEET ROCKET. See Hesperis.
SWEET SULTAN. See Centaurea.
SWEET WILLIAM. See Dianthus.
TAGETES. See Marigold.
TASSEL FLOWER. See Calceola.
TOUCH-ME-NOT. See Impatiens.

1560 **THUNBERGIA** (Black-eyed Susan).
 A. Climber. Bears a profusion of flat white, yellow and orange flowers with bold Pkt. Lge.pkt.
 black centers.....\$0 05 \$0 20

1563 **TRITOMA** (Flame Flower; Red-Hot Poker). TP. 3 ft. Long, compact spikes of orange-scarlet flowers. Brilliant and showy. 10 30

UMBRELLA PLANT. See Cyperus.

VELVET FLOWER. See Salpiglossis.

VERBENA. HA. 1½ to 2 ft. The well-known old favorites of the garden, with flat clusters of fragrant flowers of all colors. Always in bloom.

	Pkt	Oz.
1565 Extra-Choice Mixed. Specially selected seed.....	\$0 05	\$1 50

1566 Holmes' Mammoth. Extra large mixed.....	10	1 50
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1567 Scarlet Defiance. Brilliant color	05	2 00
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1568 Pure White. Very choice.....	05	2 00
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1569 Blue with White Eye. Extra fine	05	2 00
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1570 Blood-Red, White Center	10	2 00
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1571 Auricula-flowered. Mixed colors	15	2 00
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1581 **VERONICA spicata** (Speedwell). Pkt. Lge.pkt.
 HP. 18 in. Fine border plant, long spikes of blue flowers...\$0 10 \$0 30

VINCA (Madagascar Periwinkle).
 HP. 1 ft. Dwarf bedding plants with glossy green foliage and dainty flowers.

1586 alba. White with rose eye.....	10	20
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1587 alba pura. Pure white.....	10	20
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1588 rosea. Rose with dark eye.....	10	20
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1589 Mixed. All colors.....	10	20
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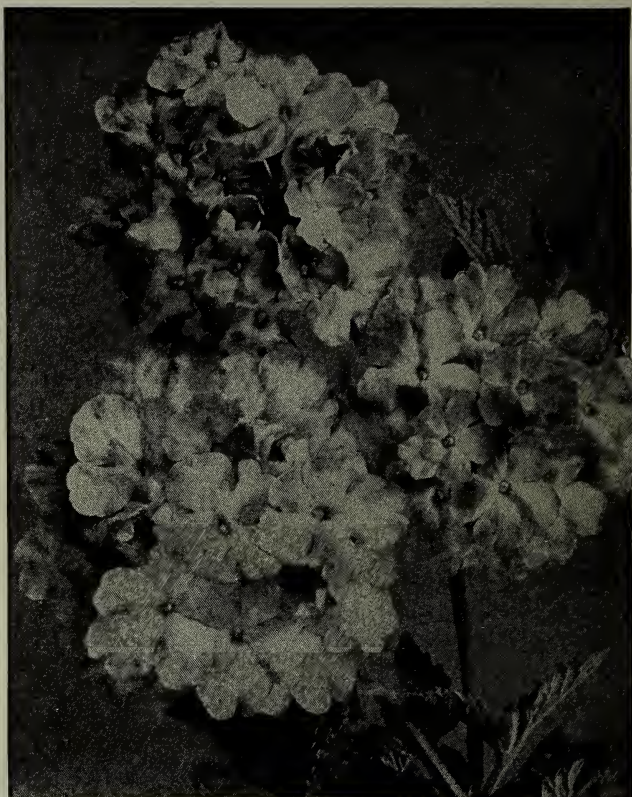
VIOLET, Sweet-scented (*Viola odorata*). TP. 6 in. The favorite fragrant flowers, blooming all season. Seed germinates slowly.

	Pkt.	Lge.pkt.
1595 Single Blue Czar. Dark blue.....	\$0 10	\$0 40

1596 Single White Czar. Large; white.....	10	40
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1597 Single Mixed. Both colors.....	10	40
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VIRGIN'S BOWER. See Clematis.



Verbena

WALLFLOWER (*Cheiranthus*). TP. 18 in.
 Handsome garden plant, bearing splendid spikes of fragrant flowers.

1605 Fine German, Double. All colors. Pkt. Lge.pkt. selected seed.....	\$0 20	\$0 40
--	--------	--------

1606 Single Mixed. All colors; brilliant.....	05	15
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WAX FLOWER. See Mesembryanthemum.

WILD CUCUMBER. See Echinocystis.

WIND FLOWER. See Anemone.

WISTARIA. See Climbing Plants.

1616 XERANTHEMUM (Everlasting Flower). A. 2 ft. Interesting plants bearing peculiar straw-like flowers; fine for winter decorations. Double mixed.....	05	15
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YARROW. See Achillea.

YOUTH AND OLD AGE. See Zinnia.

ZINNIA (Youth and Old Age). A. Favorite garden flowers; among the easiest to grow and bloom.

Tall Varieties; 2 ft.:

1626 Holmes' Giant Mammoth Mixed. Pkt. Oz. Contains specially selected seed of the largest flowers in all colors....	\$0 10	\$1 00
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1627 Double Yellow. Creates brilliant effect	05	1 50
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1628 Zebra, or Striped. Odd and interesting	10	75
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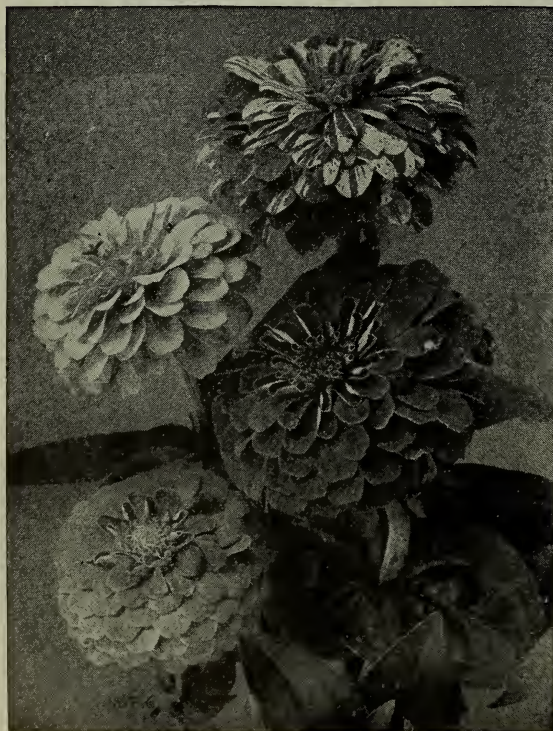
Dwarf Varieties; 18 in.:

1629 Snowball. Pure white.....	05	75
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1630 Fireball. Brilliant red.....	05	75
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1631 Pompon. Smaller flowers, all colors...	05	75
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1632 Mixed. All kinds and colors.....	05	60
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Zinnias

FLOWER SEEDS FOR THE WILD GARDEN

A most interesting way in which to grow Annual flowers is to reserve a portion of the garden for a Wild Flower Garden and sow mixed seed thickly in it. For this purpose we offer a collection of about 100 varieties of easily grown Annuals which will furnish a profusion of bloom throughout the season, without the attention necessary for more formal plantings. This mixture will be found valuable for sowing in otherwise bare spots, along fences and on embankments, and will convert many an otherwise unsightly place into a thing of beauty. Large pkts. 5 cts., oz. 15 cts., ¼lb. 50 cts., lb. \$1.



Summer-Flowering Bulbs and Roots



Caladium esculentum

AMARYLLIS

For a practical, showy house plant there is nothing of easier culture than these gorgeous lily-like flowers. Once potted they can remain in the same pot for years, increasing in beauty.

CULTURAL DIRECTIONS: Place bulbs on arrival in damp moss in temperature of 60 degrees and allow the flowering shoot to appear before the bulb is potted. When the plant is in progress of blooming, water freely, other times sparingly.

	Each	Doz.
Belladonna. A beautiful, bright pink.....	\$0 15	\$1 50
Defiance. Deep carmine, striped white.....	50	5 00
Prince of Orange. Orange intermingled with white and green.....	50	5 00
Formosissima. Crimson.....	10	1 00
Johnsoni. A very large crimson sort, striped white. Mammoth bulbs.....	50	5 00
Good-sized bulbs.....	30	3 00

All prices include postage paid by us

BEGONIAS, Tuberous-Rooted

There is hardly a single garden in which there are not semi- or entirely shaded spots where the average flower will not grow. Such places are ideal for this flower; yet it will make a dazzling show in the open. Enormous wax-like flowers appear uninter-



Amaryllis

BEGONIAS, continued

ruptedly from June till frost. The bright flowers contrast well with the deep-colored foliage. The bulbs must be lifted in the fall. If you have never grown them, try them this year; start your bulbs in March and have flowers in June. Plant bulbs outdoors not before May 1st.

SINGLE BEGONIAS

	Each	Doz.	100
Crimson.....	\$0 10	\$1 00	\$6 00
Orange.....	10	1 00	6 00
Pink.....	10	1 00	6 00
Scarlet.....	10	1 00	6 00
White.....	10	1 00	6 00
Yellow.....	10	1 00	6 00
Mixed.....	07	70	5 00

DOUBLE BEGONIAS

	Each	Doz.	100
Crimson.....	\$0 15	\$1 50	\$10 00
Orange.....	15	1 50	10 00
Pink.....	15	1 50	10 00
Scarlet.....	15	1 50	10 00
White.....	15	1 50	10 00
Yellow.....	15	1 50	10 00
Mixed.....	12	1 20	8 50

Add 10 cts. per dozen for mailing.
Single bulbs mailed free



Fancy-leaved Caladium

CALADIUM ESCULENTUM

(Elephant's Ear)

As centerpieces or specimens in flower beds, Caladiums answer well. They also make an excellent edging for a hardy bed of grass, for ricinus and other tall-growing plants. When planted in a bed alone, a border of scarlet sage removes the one-color effect and makes a beautiful contrast. Do not plant Caladiums outdoors until after May 1, but to get them in early growth, they may be started indoors.

	Each	Doz.	100
Monster Bulbs.....	\$0 30	\$3 25	\$20 00
Mammoth Bulbs.....	20	2 20	15 00
First-size Bulbs.....	10	1 10	8 00
Second-size Bulbs.....	07	75	5 00

Single bulbs mailed free. Add for postage to dozen prices as follows: Monster bulbs, 15 cts.; Mammoth, 10 cts.; First-size, 5 cts.; Second-size, 3 cts.

FANCY-LEAVED CALADIUMS

These make charming conservatory plants, as individual specimens or planted in masses in boxes. For planting outdoors in a place sheltered from sun and too much violent rain, they are very satisfactory. When grown indoors they need a warm temperature. The leaves cover a wide range of shades and colors, and make a grand display.

Choice Named Sorts, in mixture. 15 cts. each, \$1.50 per doz., by mail, postpaid; \$10 per 100, by express



A Bed of Holmes' Selected Cannas

HOLMES' SELECTED CANNAS

	Color of foliage	Height		Color of foliage	Height
Alphonse Bouvier. Rich velvety red.....	green	6 ft.	Fairhope. Deep crimson.....	green	4 ft.
Atalanta. Dark orange-scarlet.....	green	6 "	Florence Vaughn. Yellow, spotted crimson..	green	5 "
Allemanina. Salmon, bordered yellow.....	green	4 "	Italia. Golden, blotched crimson; orchid type.	green	6 "
Austria. Deep golden; large orchid flowers....	green	6 "	J. D. Eisele. Vermilion-scarlet, shaded orange.	green	3 1/2 "
Black Prince. Very dark crimson.....	green	5 1/2 "	Jean Tissot. Intense scarlet, tinted orange...	green	5 "
Brandywine. Bright scarlet.....	bronze	4 "	King Humbert. Rich orange-scarlet.....	bronze	4 "
Buttercup. Clear yellow.....	green	3 "	Louisiana. Red; orchid type.....	green	7 "
Crimson Bedder. Deep red.....	green	4 "	Mme. Crozy. Scarlet, bordered yellow.....	green	3 "
Chas. Henderson. Fine crimson.....	green	4 "	Mrs. Kate Gray. Orange-scarlet, shaded gold.	green	5 "
David Harum. Bright vermilion-scarlet.....	bronze	3 "	Pennsylvania. Deep scarlet.....	green	6 "
Egandale. Bright cherry-red.....	bronze	4 "	Pres. McKinley. Brilliant crimson.....	deep green	3 "
Express. Scarlet-crimson.....	green	2 1/2 "	Queen Charlotte. Crimson, bordered gold...	green	3 "

Price of any of the above varieties in strong roots, 10 cts. each, \$1 per doz., by mail, postpaid; \$6 per 100, by express. Mixed Dwarf French, 5 cts. each, 50 cts. per doz., \$35 per 100; Tall Sorts Mixed, 5 cts. each, 50 cts. per doz., \$3.50 per 100. After May 1 we supply plants at 15 cts. each, \$1.50 per doz., \$10 per 100.

HOLMES' PRIZE DAHLIAS. THE CHOICEST OF THEIR RESPECTIVE CLASSES

Add 10 cts. per clump if wanted by mail

Our Dahlia roots are, in all cases, splendid, large, original specimens, often weighing 10 to 16 ounces each, and containing 4 to 8 tubers. We do not cut the roots into small pieces to save postage, but make our prices by express or freight.

DECORATIVE DAHLIAS

	Each	Doz.		Each	Doz.
Admiral Dewey. Rich purple; very free.....	\$0 15	\$1 50	Sylvia. Deep pink, pure white center.....	\$0 15	\$1 50
Madame Van den Dael. Large; white.....	15	1 50	Nymphæa. White suffused with pink.....	15	1 50
Jack Rose. Rich crimson; large.....	15	1 50	Maid of Kent. Cherry-red, tipped white.....	15	1 50
Clifford W. Bruton. Canary-yellow.....	15	1 50	Mrs. Roosevelt. Beautiful light pink.....	20	2 00
Lyndhurst. Brilliant cardinal-red.....	15	1 50	Mrs. J. Gardner Cassatt. Deep rose-pink; large.	50	5 00

CACTUS DAHLIAS

	Each	Doz.
Countess of Lonsdale. Salmon pink and amber.....	\$0 20	\$2 00
Volker. Yellow; free-flowering.....	25	2 50
Kriemhilde. Brilliant pink.....	20	2 00
J. H. Jackson. Crimson-maroon; large.....	20	2 00
Eva. Dwarf, white; profuse bloomer.....	20	2 00
Mrs. Edw. Mawley. Soft yellow; large.....	25	2 50
Floradora. Pure garnet, splendid form.....	15	1 50

SHOW AND FANCY DAHLIAS

	Each	Doz.
Arabella. Light sulphur-yellow.....	\$0 15	\$1 50
John Walker. Elegant pure white.....	20	2 00
Red Hussar. Pure cardinal-red.....	15	1 50
Emily. White, tipped soft lilac.....	15	1 50
Admiral Schley. Rich crimson.....	15	1 50
A. D. Livoni. Clear soft pink, quilled.....	15	1 50
Dorothy Peacock. Clear soft pink.....	75	7 50
White Swan. Large; pure white.....	20	2 00

SINGLE DAHLIA, "Rebecca Mayhew." Pure white..... 50 5 00

NEW "GIANT CENTURY" DAHLIAS. Write for list and prices.



Nymphæa Dahlia

Holmes' Special Dahlia Catalogue sent free for the asking



HOLMES' SUPERB GLADIOLI

The Gladiolus is the most useful of all flowers. Apart from its striking beauty and effectiveness while blooming in the garden, its practical value as a cut-flower is becoming more highly appreciated the better it becomes known.

We name below a few of the latest introductions:

	By mail Each	Doz.	By exp. 100
Holmes' Superb Mixture. Every bulb is extra choice; the very largest and finest kind of flowers.....	\$0 05	\$0 50	\$3 50
Groff's New Hybrids, Mixed. Selected from the cream of high-quality Gladioli	04	30	2 00
Childsii. Finest mixed varieties. Large size; brilliant colors.	05	35	2 50
Kunderi "Glory." Exquisitely ruffled and fluted, cream-pink, crimson stripe.....	20	1 75	12 00
Victory. Delicate sulphur-yellow; best yellow.....	15	1 25	9 50
America. Soft lavender-pink.....	10	75	5 00
Augusta. Lovely, pure white with blue anthers.....	10	75	5 00
Baron Hulot. Rich, deep indigo-blue; very rare.....	15	1 25	10 00
George Paul. Crimson, stained yellow, spotted purple.....	15	1 25	9 00
Eugene Scribe. Rose color, shaded carmine-red.....	10	1 00	7 50
I. S. Hendrickson. Irregular mottling of white and pink....	15	1 50	11 00
May. Pure white, flaked crimson; extra strong.....	10	75	5 00
Contrast. Scarlet, with a pure white center.....	60	6 00	40 00
Klondyke. Clear primrose, blotched crimson.....	08	80	6 00
Independence. Rich orange-scarlet; late.....	10	1 00	7 00

We also can furnish all other varieties of Gladioli upon application

GLOXINIAS

A gorgeous plant either for conservatory or garden. The plants prefer a moist soil and a shady situation. Bulbs may be started as early as January, but should not be set outdoors until after May 15. They can be easily made to bloom in the house as pot-plants. Bulbs must be lifted in the fall.

	Each	Doz.	100
Named Colors.	\$0 15	\$1 50	\$10 00
Choicest Mixed Colors.	10	1 00	6 00

By mail, postpaid

MISCELLANEOUS BULBS AND BULBOUS PLANTS

Type of Holmes' Superb Gladioli

ful, cinnamon like perfume. **Strong roots, 5 cts. each, 50 cts. per doz.; extra-strong roots, 8 cts. each, 80 cts. per doz., postpaid.**

SPOTTED-LEAF CALLA LILY. (*Richardia alba maculata*). Leaves beautifully spotted with white; flowers pure white with black centers. **10 cts. each, \$1 per doz., postpaid.**

HYACINTHUS candicans. A most showy hardy plant, attaining a height of 2 feet and more with stout, fleshy stalks holding large, white, bell-shaped flowers in great profusion. These stalks appear simultaneously with the first growth, and continue to appear during the entire season. Bulbs can remain in the ground during the winter, and require but little protection. For the hardy border they are desirable, but make their best effect when planted in masses before shrubbery. **5 cts. each, 50 cts. per doz., \$3.50 per 100. If wanted by mail, add 15 cts. per doz. for postage.**

MADEIRA, or MEXICAN VINE (Climbing Mignonette). Thick, glossy leaves and long, hanging stems of feathery, fragrant, white flowers. **Strong roots, 5 cts. each, 40 cts. per doz., \$3 per 100, postpaid.**



Border of Holmes' Hardy Peonies



Hyacinthus candicans Pearl Tuberose

MONTBRETIA. Flowers freely from mid-summer until frost. Colors should be grown in masses or groups. Various colors. **5 cts. each, 35 cts. per doz., \$1.50 per 100, postpaid.**

HARDY PEONIES. We can supply roots in spring or fall. Our roots are large and full of life and strength.

Best Red, Pink, White, and Purple. Large roots, any color. These are of the very best, specially selected varieties and will give unbounded satisfaction. **25 cts. each, \$2.50 per doz. Add 10 cts. per root if wanted by mail.**

OXALIS, Summer-blooming. Deppi, white. Lasiandra, pink. Either variety, **2 cts. each, 15 cts. per doz., \$1 per 100.**

TUBEROSES. Excelsior Pearl, pure white. **3 cts. each, 25 cts. per doz., \$1.50 per 100. Mammoth bulbs, 5 cts. each, 50 cts. per doz., \$3 per 100. Add 15 cts. per doz. for mailing.**



HOLMES' HARDY GARDEN LILIES

READ FOLLOWING DIRECTIONS CAREFULLY

No garden can be called complete without a fair display of these stately flowers. Their graceful habits, their ability to adapt themselves to special locations, and the variety of them to have flowers almost the entire summer, makes them very valuable. Their culture is simple, yet a few rules must be strictly observed to grow them successfully.

All Lilies should be planted from 6 to 8 inches deep, the Japanese varieties even 12 inches deep, the bulbs themselves should be completely enveloped in sand; no manure should come in contact with the bulb, but may be placed 4 to 6 inches underneath, all loose-petaled bulbs should be planted on their side instead of upright.

These are sometimes grown in pots for indoor blooming, in which case they are handled much like the Bermuda Easter Lily. Wild gardening, a feature becoming popular of late, gives Lilies the foremost place. In winter protect with leaves or manure.

All prices of single bulbs include postage paid by us. The prices by the dozen or hundred are by express collect



Lillium auratum

Japanese Lilies

LILIUM auratum (Golden-banded Lily from Japan). A variety planted most extensively; flowers of enormous size, measuring frequently 8 to 12 inches across; pure white, spotted crimson; each petal is marked in the center with a band of yellow. Flowers in August, delightfully fragrant; a single stem produces on an average from eight to fifteen flowers.

	Each	Doz.	100
Large bulbs.....	\$0 15	\$1 50	\$10 00
Mammoth Bulbs.....	25	2 50	15 00
Monster bulbs.....	35	3 50	25 00

L. Melpomene. Rich, deep pink, spotted dark red; free blooming and robust in growth; very fragrant; height, 3½ feet; flowers in August.

	Each	Doz.	100
Large bulbs.....	\$0 15	\$1 50	\$10 00
Mammoth bulbs.....	25	2 50	15 00

L. speciosum album. The best-flowering, pure white hardy garden Lily of easy culture. Height, 4 feet; blooms August and September.

	Each	Doz.	100
Large bulbs.....	\$0 20	\$1 80	\$12 50
Mammoth bulbs.....	25	2 50	15 00

L. speciosum magnificum. An enormous flower; rich deep pink, spotted crimson; the form of flower is recurved. Height, 3 feet; flowers in August.

	Each	Doz.	100
Large bulbs.....	\$0 15	\$1 50	\$10 00
Mammoth bulbs.....	25	2 50	15 00

L. speciosum rubrum, or roseum. Delicate pink, almost white, spotted red; one of the old garden favorites. Flowers in August and September.

	Each	Doz.	100
Large bulbs.....	\$0 15	\$1 50	\$10 00
Mammoth bulbs.....	25	2 50	15 00

Old-Fashioned Tiger Lilies

The improved Tiger Lily is one of the hardiest in cultivation, and succeeds and increases in all climates; splendid for naturalizing in groups and around shrubbery. The orange blossoms are heavily spotted maroon and borne in clusters of from 4 to 10 blooms on a straight, heavy stalk, 5 feet in height. Blooms in July.

L. tigrinum splendens simplex. Brilliant orange, beautifully spotted.

	Each	Doz.	100
Mammoth bulbs, grown in Japan..	\$0 10	\$1 00	\$7 50

L. tigrinum splendens (flore pleno). A double form of the above, retaining its flower longer.

	Each	Doz.	100
Mammoth bulbs, grown in Japan..	\$0 15	\$1 50	\$10 00

American, or Native Lilies

Lilium Canadense (Canadian Bellflower Each Doz. 100

Lily). Easily cultivated and multiplies readily; bright yellow, bell-shaped flowers hanging downward; petals are spotted black on inside; flowers June and July; 2 feet..... \$0 10 \$1 00 \$7 00

L. Canadense rubrum. Same as above; crimson with black spots.... 15 1 50 10 00

L. elegans, Red. One of the earliest Lilies to bloom, flowering early June; 2 feet; large, open flowers stand upright in clusters of from three to five on a stem stout..... 15 1 50 10 00

L. elegans, Yellow. A yellow form of the above..... 15 1 50 10 00

L. Hanson. Often grows from 3 to 5 feet high, flowers reddish orange, eight to twelve in a cluster; petals thick and durable..... 50 5 00 40 00

L. Henry. New and rare. Tall grower, often 7 feet; producing flowers of a distinct orange-yellow in great profusion..... 1 00 10 00

L. superbum (Turk's Cap Lily). One of the best Lilies for all purposes; will succeed everywhere; according to location, will grow from 3 to 6 feet high and produce from five to forty-five nodding, brilliant orange-red flowers on a single stalk during July. 15 1 50 10 00

L. tenuifolium (Coral Lily). Brilliant scarlet, Turk's Cap flowers, of rather small size, hang downward on a small but gracefully formed tree-like plant; splendid for edges of borders, rockeries or cutting; foliage very slender; flowers in May..... 15 1 50 10 00

L. umbellatum. A showy, massive Lily, flowering in June; the broad, open flowers are borne upward, from five to eight on a stout stalk, 3 feet high; color, a glowing orange-scarlet. 15 1 50 10 00



Lilium tigrinum



Bed of Holmes' Magnificent Free-flowering Geraniums

Holmes' Bedding Plants for Summer Use

These are grown for us by specialists, and are thrifty specimens, which invariably give fine results. As readily seen by the title, they are not hardy, being for the one season's display only.

ABUTILON (Bellflower). Splendid plants to be used as a close setting to cannas or other plants. 75 cts. per doz., \$5 per 100.

AGERATUM. Flower-heads in blue and white; 10 inches high; ideal for massed bedding or edging. Price for either color 75 cts. per doz., \$5 per 100.

ALTERNANTHERA. Red and green; used extensively in carpet-bedding designs, also for edging; ideal for cemetery work. 50 cts. per doz., \$3.50 per 100.

ALYSSUM. Pure white flowers; dwarf, compact plants, desirable for edging, flowering all season; 6 inches high. 50 cts. per doz., \$3.50 per 100.

ANTIRRHINUM (Snapdragon). A very effective plant for bedding; much used in Italian gardens; mixed colors of pink, yellow, white and crimson; height, 24 inches. 50 cts. per doz., \$3 per 100.

ASTERS. In assorted colors, separate. 50 cts. per doz., \$3 per 100.

BEGONIA Vernon. Bright red flowers; compact, dwarf plants. One of the best and most effective plants either for edging or bedding. \$1.50 per doz., \$10 per 100.

BEGONIA Erfordi. Of the same habit as Vernon, but having bright pink flowers which almost hide the foliage during the whole summer. \$1.50 per doz., \$10 per 100.

BEGONIA gracilis luminosa. A splendid edging variety with bronzy red foliage and brilliant coppery scarlet flowers; very free blooming; of same habit as Vernon. \$2 per doz., \$15 per 100.

CANNAS. See page 54.

COLEUS. The popular Beefsteak plant so commonly used for edging canna and geranium beds. 50 cts. per doz., \$3.50 per 100.

COSMOS (Plants). In separate colors—white, pink and red. 50 cts. per doz., \$3.50 per 100.

ENGLISH DAISY (*Bellis perennis*). White and pink in bud and bloom. \$1 per doz., \$7 per 100.

FUCHSIA (Lady's Ear-Drop). The pretty bell flowers, both single and double, appear abundantly if the plants are set in a semi-shaded location. \$1.25 per doz., \$9 per 100.

GERANIUMS. Finest varieties; large, thrifty plants. Our stock of these is unusually fine. 15 cts. each, \$1.50 per doz., \$10 per 100.

GERANIUM, Rose. Grown for its scented foliage; ideal for cutting to mix with other flowers. 15 cts. each, \$1.50 per doz., \$10 per 100.

HELIOTROPE. Desirable on account of its color, fragrance and free-flowering habit. 10 cts. each, \$1 per doz., \$7 per 100.

LANTANA. Ideal for bedding, growing 30 inches high, remaining in flower until frost; various shades of orange, pink and red in mixture only. \$1 per doz., \$7 per 100.

LEMON VERBENA. Scented green foliage. 15 cts. each, \$1.50 per doz., \$10 per 100.

LOBELIA. Blue-flowering plant for edging and hanging-baskets. 75 cts. per doz., \$5 per 100.

MYOSOTIS (Forget-me-not). Blue, in bud and bloom. 60 cts. per doz., \$4 per 100.

MYRTLE (*Vinca minor*). For covering graves this hardy, blue-flowering plant is ideal; blooms in May. 15 cts. each, \$1.50 per doz., \$10 per 100.

NASTURTIUMS. Dwarf varieties in mixture. 50 cts. per doz., \$3 per 100.

PANSIES. Giant Exhibition Strain, in bud and bloom. \$1 per doz., \$7 per 100.

PETUNIAS.

Single Mixed. \$1 per doz., \$6 per 100.

Double. \$1.50 per doz., \$10 per 100.

RICINUS (Castor-Oil Plant). Green and bronze-foliaged varieties. \$1.25 per doz., \$9 per 100.

SALVIA (Scarlet Sage). 75 cts. per doz., \$6 per 100.

STOCKS, Ten Weeks. Mixed, all colors. 15 cts. each, \$1.50 per doz., \$10 per 100.

VERBENAS. Our giant-flowering strain in separate colors, white, pink, purple and scarlet. 75 cts. per doz., \$5 per 100.

VARIEGATED VINCA. A trailing plant used for hanging-baskets and window-boxes; green foliage mottled white. 15 cts. each, \$1.50 per doz., \$12 per 100.

ZINNIAS. In all colors mixed. 50 cts. per doz., \$3 per 100.

Bedding Plants will be Ready to Ship May 1 to 15. Customers can order these at same time with other items, and they will be shipped in proper season. These plants will be carefully packed and will reach the buyer in thrifty, growing condition.



Type of Holmes' Hardy Hybrid Tea Roses

HOLMES' HARDY ROSES

Hardy Roses are permanent guests in your garden or about your home. As often as summer comes again they are there with the fragrance and beauty and elegance of old-fashioned places. Put a bed in an empty place, or a row around the outside. The plants we offer are all two-year-old, pot-grown, 2 feet high, many of them in bud when shipped. All are absolutely free from disease, and guaranteed to be satisfactory.

Any of the following large, 2-year-old plants, 50 cts. each, \$5 per doz., by express, you pay charges; 1-year-old plants of the same varieties, 35 cts. each, \$3 per doz., you pay express

Souv. de Pierre Notting. Superb new Tea Rose. A cross of Marechal Niel on Maman Cochet. Color, apricot-yellow tinged with golden. Rim of petals shaded beautiful carmine-rose. Great quantity of bloom.

Kaiserin Augusta Victoria. Hybrid Tea. Large, strongly fragrant flowers of snowy whiteness, produced in great profusion; a strong, healthy grower, with large foliage.

Killarney. A splendid new Hybrid Tea Rose; strong, robust grower; free, continuous bloomer; color is brilliant, sparkling pink; flowers are extra large and the buds long and pointed.

Clothilde Soupert. Tea Polyantha. One of the freest-flowering Roses in our collection, producing perfectly double flowers of a French-white, deepening to rosy blush in the center.

Duchesse de Brabant. Tea. One of the most deliciously scented and beautiful in cultivation, silvery pink, free growth.

Etoile de Lyon. Tea. A splendid rich yellow, beautiful in the bud as well as in the flower.

Mad. Francisca Kruger. Tea. A fine bedding Rose; color, copper-yellow, shaded with peach; large and full.

Hermosa. Bourbon-China. The old favorite bright rich pink, which is always in bloom.

Maman Cochet. Everblooming Tea. An extra-strong grower, producing large buds and flowers in the greatest profusion; color deep rose-pink, inner side of petals silvery rose; borne on long, stiff stems; very double and exquisite when in bud.

White Maman Cochet. Everblooming Tea. Identical with Maman Cochet, except in color, which is pure white.

Frau Karl Druschki. Hybrid Perpetual. This is an ideal hardy white Rose, pure in color, perfect in form; strong grower and remarkably free flowering; superb in every way.

Helen Gould, or Balduin. Tea. An excellent bedding variety, with large, full flowers of fine form; bright, glowing carmine; a free and continuous bloomer.

General Jacqueminot. Hybrid Perpetual. Brilliant scarlet-crimson.

La France. Hybrid Tea. An old favorite and probably the most popular Rose the world over. Flowers clear, satiny pink; large, very full and of perfect form.

Gloire Lyonnaise. Hybrid Perpetual. White, tinted with yellow; large, full and of good shape; very distinct.

Magna Charta. Hybrid Perpetual. Bright pink, suffused with carmine; a beautiful Rose; strong, vigorous grower.

Mrs. John Laing. Hybrid Perpetual. Soft pink, of beautiful form; exceedingly fragrant and remarkably free flowering.

Paul Neyron. Hybrid Perpetual. The largest Rose; smoky rose-color. An old favorite.

Climbing Roses

Crimson Rambler. Plants 2 to 3 ft, 50 cts. each.

Pink Rambler. Plants 2 to 3 feet, 50 cts. each.

White Rambler. Plants 2 to 3 feet, 50 cts. each.

Yellow Rambler. Plants 2 to 3 feet, 50 cts. each.



Frau Karl Druschki Roses

Our Guarantee. The shipping of Roses and other plants by mail is so unsatisfactory to the buyer that we have decided to offer only large, strong one- and two-year-old plants by express, which we will guarantee to please you. Roses and Hardy Climbers will not be ready to ship before May 1, and, unless otherwise ordered, we will send all plants on or about that date.



Clematis paniculata

HARDY CLIMBING PLANTS

Prices quoted are for large pot-grown plants that must be shipped by express, you paying the express charges

AMPELOPSIS Veitchii (Boston Ivy, or Japan Ivy). Foliage rich olive-green during the summer, changing to various shades of bronze, crimson and scarlet in the fall. Plants 2 to 3 feet, 40 cts. each.

ARISTOLOCHIA Sipho (Dutchman's Pipe Vine). A rapid-growing climber; singular brownish colored flowers, resembling a pipe. Light green leaves; very large plants. 12 to 18 inches, 60 cts. each.

BIGNONIA (Trumpet Creeper). For covering stumps, rock-work, The rich orange-scarlet flowers are large, attractive and borne profusely. Plants 2 to 3 feet, 35 cts. each.

CLEMATIS paniculata (Japanese Virgin's Bower). Of strong, rapid growth, with small green foliage and pure white, deliciously fragrant flowers which appear in the greatest profusion in August. 3-year-old plants, 45 cts. each.

Jackmani. The popular purple variety. 3-year-old plants, 45 cts.

Henryi. Large creamy white flowers. 45 cts. each.

Crispa. Bears an abundance of pretty bell-shaped, fragrant lavender flowers, with white center, from June until frost. Plants from 5-inch pots, 65 cts. each.

HONEYSUCKLES, Chinese Evergreen (Woodbine). Red, yellow and white variegated flowers; very fragrant. Plants from 5-inch pots, 65 cts. each.

Halliana. Flowers pure white, turning to yellow; fragrant. Hardy evergreen; flowers freely. Plants from 5-inch pots 65 cts. each.

Heckrotti. Deep red flowers, with yellow throat; in bloom continuously. 45 cts. each.

HARDY JASMINES (Nudiflorum). Fragrant yellow flowers; needs protection in this latitude. Plants from 5-inch pots, 65 cts. each.

officinale. Pure white, fragrant; hardy, with protection in this latitude. Plants from 5-inch pots, 65 cts.

CHINESE WISTARIA. When given a sunny situation and liberal manuring it grows rapidly; magnificent flowers.

Sinensis. The favorite variety, producing thousands of pendulous clusters of delicate violet-blue blossoms, richly perfumed. Extra-strong plants, 2 to 3 feet, 50 cts. each.

alba. Of similar habit to *Sinensis*, with pure white flowers; a lovely climber. Plants, 1 foot grafted, 75 cts. each.



Hedge of California Privet

HEDGE PLANTS

With Hedge Plants you can change the appearance of your home from that of extreme wildness to that of a well-kept park, from plainness to luxury. A hedge about a place marks that place at once as the home of a careful and prosperous owner, and, best of all, it need not cost much. Although not listed here, we have splendid stocks of Amoor River Privet, as well as Chinese and Golden Arborvitæ.

California Privet (*Ligustrum ovalifolium*)

More of it has been planted than all others combined. Its foliage is a rich dark green and is nearly evergreen, remaining on the plant until midwinter. The best manner of planting is in double rows, the two rows being about 8 inches apart. The smallest-size plants here offered should be set 10 to 12 inches apart in the row—alternating the plants—while the larger sizes may be set 12 to 15 inches apart. Plants 18 to 24 inches, \$3.50 per 100, \$30 per 1,000. Plants 2 to 3 feet, \$5.50 per 100, \$50 per 1,000. 3 to 4 feet, \$8.50 per 100, \$80 per 1,000.

American Arborvitæ The Hardest Hedge Grown

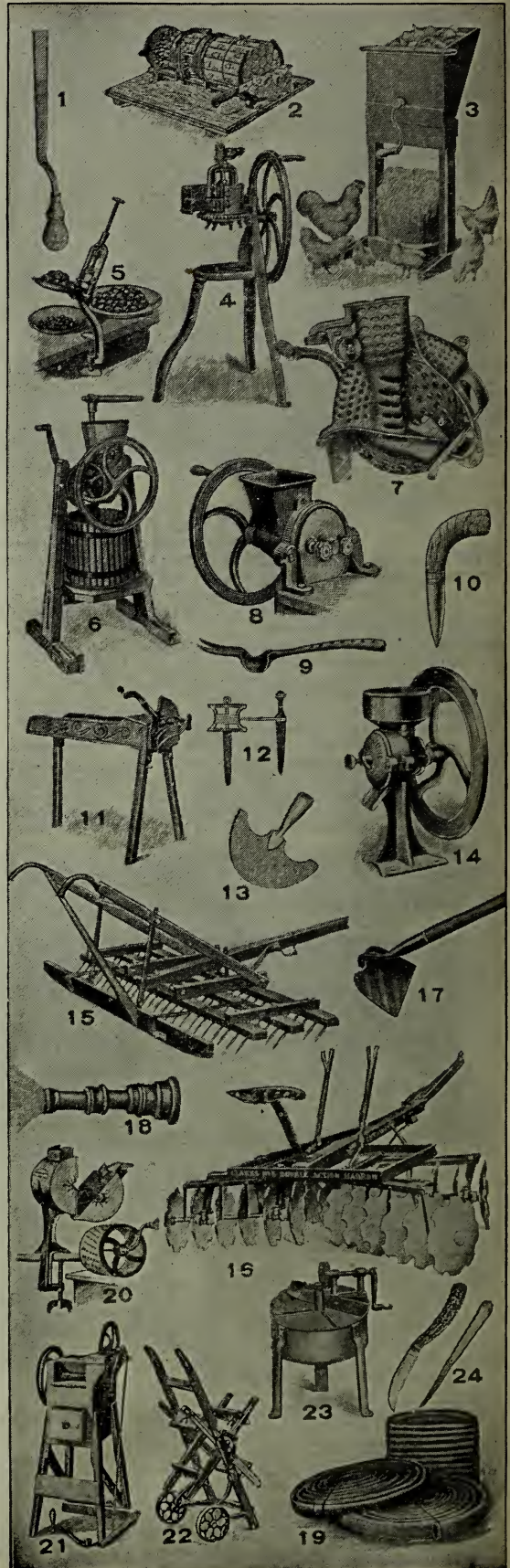
You can have a hedge 150 feet long, beautiful in appearance, at a total cost of \$2. We have an immense supply of these plants. Order as many lots as you want. We are making a special offer of 200 4- to 8-inch trees, delivered anywhere for only \$2, or 150 8- to 12-inch trees, delivered anywhere, for only \$2.

We can ship this evergreen all through late winter, spring, and up to June 10, with perfect safety.



Miscellaneous Supplies

Aprons. Gardener's, Rubber	Each \$1 75
Asparagus Knives. (1) American	45
Asparagus Buncher, Acme. (2) No. 1 for 3 to 3½-in. bunches.	1 75
Asparagus Buncher, Acme. No. 2 for 4- to 5-in. bunches.	2 25
Banner Root Cutter. (3) Cuts roots and vegetables into fine chicken-feed; capacity, one bushel in five minutes. No. 7	5 00
Bone Mills, Mann's. (4) We guarantee to refund the price paid to anyone who, after using it for one month, is not satisfied with his investment.	
No. 5C. With crank handle	6 00
No. 5B. With balance wheel	8 00
No. 5BM. With balance wheel and iron stand	10 40
No. 7. With balance wheel and iron stand	12 00
No. 7½. Semi-power machine	16 00
No. 9. With balance wheel and iron stand	18 40
No. 11. Power machine	26 00
No. 12. Power machine	30 00
Bone and Shell Mill, Wilson's. (8) No. 1. Grinds oyster or clam shells, dried bones and grit and is an excellent mill and largely used. Will also grind corn.	
Weight, without stand, 53 lbs.	5 00
Weight, with stand, 64 lbs.	7 00
Cherry Seeder, Rodman's. (5)	75
Cider Mills. (6) The best and strongest mill made.	
1-am-it	10 00
Junior	12 00
Senior	21 00
Corn Sheller, Black Eagle. (7)	2 00
Carnation Supports. 2 and 3 rings, doz. 45 cts. and 55 cts.; per 100, \$3.15 and \$3.50.	
Dandelion and Plantain Puller, Bateman's (9)	35
Dandelion Puller. Long handle	25
Dibble. (10) Steel points, for transplanting	40
Dibble. All iron	40
Duster for Slug Shot. 2 qts., 25 cts.; 4 qts.	35
Fumigators. For fumigating greenhouses—Nos. 1, 2, 3 and 4, holding ½, 1, 2, 3 pks., \$1.50, \$2.50 and \$3.50.	3 25
Feed Cutter, "Rapid." (11)	3 00
Garden Line. Italian Hemp. Extra quality. 25 ft., 20 cts.; 50 ft., 35 cts.; 100 ft., 60 cts.; 200 ft., 1 10	
Garden Line Reels, with Stake. (12) 8-in., \$1; 10-in.	1 50
Glazing Points, Peerless. Nos. 2 and 2½	75
per 1,000, 60 cts.; by mail ..	
Grafting Wax. ¼lb., 10 cts.; ½lb. 15 cts.; lb. 25 cts.	60
Grass Edging Knives, American. (13) 9-in.	1 50
Guards for Trees, heavy wire	2 50
Grist Mill, "Rapid." (14)	4 75
"Korn King," weight 33 lbs.	1 50
Grass Catchers. Fit any mower. \$1, \$1.25 and \$1.50	
Harrow, Cutaway Grading and Smoothing. (15) ..	
Size 6 feet, horse, weight 136 lbs. f.o.b. factory.	14 00
Size 8 feet, horse, weight 176 lbs. f.o.b. factory.	17 00
Cutaway Reversible Double Lever. (16) No other harrow will do the work of this modern implement.	
A5, Single Action, 2-horse, 10- to 16-in. disks, 5-ft. extension head. f.o.b. factory.	22 50
Short head. f.o.b. factory.	21 50
Write for catalogue and full information.	
Hanging Baskets. Galvanized Wire. 10-in. 20 cts., doz. \$2.25; 12-in. 25 cts., doz. \$2.50; 16-in. 40 cts., doz. \$4.50; 18-in., heavy, 70 cts., doz. \$8.	
Hoes, Bateman. 5½- and 6-in. blades \$1.10 and \$1.25.	1 20
Suffle. 4-, 6-, and 8-in. blades, 45 cts., 60 cts. and 70 cts.	35
Thinning. (17) 4¼-in. blades, 18-in. handles.	35
Garden. Long Handle, 2-prong.	40
Draw, or Field. Socket Handle.	60
Prong, or Potato.	75
Hilton. 9-in. blade.	70
Horse-Radish Graters. No. 1, Steel pins.	7 50
No. 3, Foot tread (21)	15 00
Family size; all iron (20)	3 50
Hose Menders. Complete outfit. Brass, ½in., ¾in., and 1 in. by mail, 75 cts.	65
Hose Nozzles, Gem. (18) Spray or Solid Stream.	50
Hose Reels. (22) On wheels with ratchet.	2 25
All iron, \$2.50; wood. 75 cts. to 2 00	
Hose, Rubber. (19) Best grades guaranteed.	
25 ft. 50 ft. 100 ft.	
Standard Brand. ¾-in. \$3 75 \$7 25 \$14 00	
Revero (Non-kinkable). ¾-in. 4 75 9 25 18 00	
Revero (Non-kinkable). ½-in. 4 25 8 25 16 00	
Hose Washers	per doz., 8c.
Hotbed Sash. Shipped direct to purchaser from factory, freight paid. Sash 3 ft. wide by 6 feet long. Of Cypress, not glazed and painted	1 50
Hotbed Mats. Burlap, 40x76. doz., \$11.	1 00
Burlap, 76x76. doz., \$17.	1 50
Hotbed Mats. Waterproof with waterproof duck on one side, 40x76. doz., \$14.	1 25
Waterproof with waterproof duck, 76x76 ...doz. \$20.	1 75





- Each
Doz. \$1.60.. \$0 15
- Hyacinth Glasses** Doz. \$1.60.. \$0 15
- Hydrometers, Carbondale.** (82, page 63). For testing the strength of lime-sulphur solution. Price 85 cts. (postpaid, \$1), with directions.
- Kraut Cutter, "New Buffalo."** (23) Capacity 200 heads an hour; 3 knives; lasts a lifetime..... 20 00
- Knives, (24) Pruning.** Saynor's..... \$1 and 1 50
- Pruning.** American..... 1 00
- Budding.** Saynor's best. One blade. Round or straight blade..... 1 50
- Budding.** Other foreign makes. 50 cts., 60 cts., 75 cts., and \$1 each.
- Labels, Painted wooden pot—**
- | | 100 | 1,000 |
|---|--------|--------|
| 4-inch..... | \$0 12 | \$0 85 |
| 5-inch..... | 20 | 1 00 |
| 6-inch..... | 25 | 1 50 |
| 8-inch..... | 35 | 3 25 |
| 10-inch..... | 50 | 4 50 |
| 12-inch..... | 75 | 6 00 |
| 18-inch, for field use..... | 2 50 | 20 00 |
| Tree. Painted; copper wired..... | 25 | 1 50 |
- We carry a complete line of labels.
- Lawn Sprinklers.** (25) Each
- Peck.** 4-arm \$3.25, 8-arm..... 3 75
- Pluvius.**..... 1 25
- Brass Ring, or Fountain.**..... 75
- "Cheap but Good"**..... 35
- The Preston.**..... 1 25
- Lawn Trimmers.** (26) For trimming close to walls or fences.
- Coldwell's.** 8-in. cut..... 5 00
- Capitol.** 6-in. cut..... 6 00
- Lawn Rollers, Dunham's Roller-bearing Hand.** (28) A child can run them.
- | No. | Diam. | Length | Sections | Lbs. | Price |
|--------|--------|--------|----------|----------|--------|
| 1..... | 15 in. | 15 in. | 2..... | 150..... | \$7 15 |
| 2..... | 15 in. | 22 in. | 3..... | 200..... | 9 40 |
| 3..... | 20 in. | 16 in. | 2..... | 225..... | 10 50 |
| 4..... | 20 in. | 20 in. | 2..... | 250..... | 11 60 |
| 5..... | 20 in. | 20 in. | 1..... | 250..... | 11 60 |
| 6..... | 20 in. | 24 in. | 3..... | 300..... | 13 90 |
| 7..... | 20 in. | 24 in. | 2..... | 300..... | 13 90 |
| 8..... | 20 in. | 30 in. | 3..... | 350..... | 16 50 |
- Lawn Rollers, Dunham's Water Ballast.** (28 1/2) Roller-bearing. Can be filled without turning on end, with either sand or water. Diameter 24 inches; weight, empty, 185 lbs.; filled with water 560 lbs., Each or with sand, 840 lbs..... \$13 60
- Lawn Mowers, Regal High-wheel Ball-bearing.** (29)
- | | |
|--------------------------------|-------|
| 14-inch, 5-blade cylinder..... | 10 50 |
| 16-inch, 5-blade cylinder..... | 11 50 |
| 18-inch, 5-blade cylinder..... | 12 50 |
| 20-inch, 5-blade cylinder..... | 13 00 |
- The Cadet.**
- | | |
|--------------|------|
| 10-inch..... | 2 50 |
| 12-inch..... | 2 75 |
| 14-inch..... | 3 00 |
| 16-inch..... | 3 25 |
| 18-inch..... | 3 50 |
- Coldwell Motor Mowers.** Write for details and prices.
- Coldwell Horse Mowers.**
- | | |
|-----------------------------|-------|
| 25-inch cut, no shafts..... | 38 00 |
| 30-inch cut, complete..... | 65 00 |
| 35-inch cut, complete..... | 78 00 |
| 40-inch cut, complete..... | 95 00 |
- Grand High-wheel.**
- | | |
|------------------------|-------|
| 14-inch, 5 blades..... | 9 50 |
| 16-inch, 5 blades..... | 10 50 |
| 18-inch, 5 blades..... | 11 00 |
| 20-inch, 5 blades..... | 12 00 |
- Suburban Ball-bearing.**
- | | |
|------------------------|------|
| 12-inch, 4 blades..... | 4 25 |
| 14-inch, 4 blades..... | 4 75 |
| 16-inch, 4 blades..... | 5 50 |
| 18-inch, 4 blades..... | 6 25 |
- Write for prices on Golf Mowers for Putting Greens.
- Mastica.** An improved putty. Gal. \$1.40, 5 gals. \$6.75..
- Mastica Machine.** (27) For applying..... 1 25
- Mole Trap, Rittenhouse**..... 75
- Mole Trap, Reddick.**..... 1 00
- Moss, Sphagnum, Dried.**..... 5 bbl. bale, \$2.50, bbl. 1 25
- Pencils, Indelible.** For writing on labels..... 5 cts. and 10
- Powder Gun, Champion.**..... 8 00
- Little Giant.** (30)..... 6 00
- Peat, Orchard.** Per bbl., bag..... 2 00
- Pot Hangers.** For 5- to 8-inch pots, 5 cts. each, 50 cts. per doz.; for 8- to 12-inch pots, 6 cts. each, 70 cts. per doz.
- Pruning Tree Hook and Saw, Little Giant.** Light and very strong. The saw can be detached when not required—
- | | |
|---|------|
| Hook and saw without pole..... | 1 50 |
| Hook only..... | 1 00 |
| Compound Lever Tree Pruner, 8 ft. \$1.40; 10 ft., \$1.60; 12 ft., \$1.75; 14 ft. \$2. | |

Putty Bulbs. For applying mastica and putty. Each By mail, \$1.10. \$1 00	
Putty, Twemlow's English. Gal. \$1.45, 5 gals. at \$1.25.	
Raffia. For tying. Lb. 20 cts., 5 lbs., 90 cts.	
Colored, in all shades, ¼ lb., 15 cts., 1 lb. 50 cts., 5 lbs. \$2.25.	
Rake, Lawn, The Gibb. Wire (32)..... 45	
Rakes, Automatic. (31) Self-cleaning. 22- and 26-tooth..... 60	
The Ole Oleson. Curved. Does not tear grass..... 40	
Wooden. Ordinary..... 25	
Steel. 12-, 14- and 16-tooth, 50 cts., 60 cts., and 75	
Saws, Pruning, Duplex (double edge). (33) 18-in..... 85	
20-in. 1 15	
Pruning (single edge.) 14-, 16-, 18-, 20- and 24-inch, 60 cts., 70 cts., 80 cts., \$1 and 1 25	
Scissors, Flower. 1 00	
Vine. 7-in..... 1 50	
Scythes, Lawn. 30- and 36-in. blades, \$1.25 and 1 25	
Scythe-Stones. 2 for 25 cts..... 15	
Seed Sower, Broadcast (Cahoon). (34)..... 3 25	
Cyclone. 1 75	
Shears, English Hedge. (35) With pruning notch. 8-in. blade, \$1.50; 9-in. blade, \$1.75; 10-in. blade 2 00	
Grass Border. 9-in. \$2.25; 10-in. 2 50	
Grass Border, Saynor's. 8-in. blade, \$2.25; 10-in. 2 75	
Lopping, Saynor's. (36) For tree and heavy hedge. 3 50	
Sheep or Grass. Imported, 7-in..... 1 25	
Single spring. 7-in..... 60	
Pruning. 7-, 8-, and 9-in..... 75 cts., \$1 and 1 25	
Pruning, French. (37). 7 inches..... 1 25	
Tree Pruning, Waters. (38). Pole..... 1 25	
4 ft. 75c., 6 ft. 85c., 8 ft. \$1, 10 ft. \$1.15, 12 ft. 1 25	
Stakes, Cane. Can be cut in lengths to suit. 6- to 9-ft. lengths. Doz. 25 cts.; 100, \$1; bundle of 250, \$2.25; 1,000, \$8.00. 3½-ft. lengths, dyed green. Doz. 15c.; 100, \$1; 1,000, \$8.25.	
Wooden, Round Tapering. Painted green—	
Doz. 100	Doz. 100
1½ feet... \$0 17 \$1 00	3½ feet \$0 63 4 00
2 feet... 28 1 70	4 feet 75 4 80
2½ feet... 40 2 40	5 feet 88 5 60
3 feet... 51 3 20	
Heavy Rose or Dahlia. Painted green—	
Doz. 100	4 feet 1 10 6 50
3 feet... \$0 75 \$4 85	5 feet 1 25 8 15
3½ feet... 88 5 68	6 feet 1 55 9 80
Galvanized. No. 10 wire—	
100	3½ feet 1 10
2 feet... \$0 60	4 feet 1 25
2½ feet... 75	4½ feet 1 35
3 feet... 90	5 feet 1 50

Silkalene. For stringing smilax..... Spool 25 cts., lb. \$1 50	
Spades, Steel. 95	
Spading Forks. 4 times, 95 cts.; 5 times, 1 00	
Signs, "Keep off the Grass." Enameled, \$1.50; iron, 40	
Sickles (39) Extra fine..... 25 cts. and 40	
Sprinkler, Rubber. By mail, \$1.10..... 1 00	
Thermometers, (40) Greenhouse, Tested. (Copper case, \$1.00)..... 50	
Self-Registering. Register heat and cold..... 3 00	
Hotbed or Mushroom. Brass point..... 1 50	
Dairy. For testing milk..... doz., \$2.50..... 25	
Incubator. Tested..... 60	
Brooder. Tested..... 50	
Tomato Supports \$2 per doz., \$14 per 100 20	
Torch, Asbestos. For burning caterpillars on trees..... 40	
Tree Scraper. Three-edged. Short handle, 60 cts.; Long handle..... 1 00	
Trowels, Transplanting. (41C)..... 40	
Angle. (41A) 7- and 8-in. blades..... 20 cts. and 25	
Forged Steel. (41B) Blade and shank one piece. 6 in., 40	
Sheet Steel. Blade and shank one piece..... 6 in., 25	
Twine, Jute. For tying..... Lb. 15 cts..... 10	
Twine, White Cotton. For tying. Lb. 45 cts., ball 10	
Watering Cans. (42B) Heavy galvanized iron, with copper sprays. 6-, 8-, 10-, and 12-qt., \$1.85, \$2, \$2.30 and 2 75	
Common galvanized. (42A) 40 cts., 50 cts., 75c. and 1 00	
Extra sprays. 25	
Low. For greenhouses. 4-qt..... 1 50	
Weeders— Each	Each
Lang's (43A)..... \$0 25	The Easy \$0 35
Eureka (43B)..... 25	Onion 30
Excelsior (43C)..... 10	Yoder 25
Excelsior Fork. 10	Yoder, Long handle .. 75
Wheelbarrow, Garden. (44) No. 3. Bin 26 inches long, 19 inches front width, 22 inches back; 12-inch sides, 3-in. tires..... 4 50	
Water-Barrel Truck and Barrel. Combined sprinkler, leaf-rack and hand-cart. The barrel is easily disconnected from the truck. Extra attachments as follows can be furnished if required: (1) Box with trunnions and spring catch, forming a dumping hand-cart. (2) Sprinkler for watering walks and lawns. (3) Leaf-rack. Truck and barrel. (45) 2½-inch tires, \$10.25; 3½-in. tires, 11 00	
Sprinkler attachment. 3 25	
Leaf-rack only (46)..... 5 50	
Hand-cart box only (47)..... 3 25	
Extra trunnions. Per pair, 50 cts.	
If truck and trunnions are wanted without barrel, deduct \$2.25 from price of truck and barrel.	

Plant Tubs, Flower Pots, Saucers, Etc.

All prices subject to change without notice

KEYSTONE TREE AND PLANT TUBS (48)

Made of white cedar, painted green and bound with strong electric-welded wire hoops, which do not rust. Prices do not include handles. Prices f.o.b. Harrisburg.

No.	Outside Diam.	Depth	Each
No. 5.....	10	9	\$0 45
No. 6.....	11	10	60
No. 7.....	12	11	70
No. 8.....	13	12	90
No. 9.....	14	13	1 00
No. 10.....	15	14	1 25
No. 11.....	16	15	1 35
No. 12.....	17	16	1 50
No. 13.....	18	17	1 75

WOOD-FIBER PLANT TUBS

Complete, with saucers.

	Green Mahog.	Enameled Color
10 inch.....	\$0 95	\$0 63
12 inch.....	1 15	75
14 inch.....	2 00	1 50
18 inch.....	4 73	3 95

FERN-DISH LINERS.

Very shallow, for inside of fancy silver or porcelain ferneries.

Width	Depth	Each	Doz.	100
7 in.	1½ in.	\$0 12	\$1 00	\$6 00

PAPER FLOWER POT (49)

Sizes	Doz.	100	1,000
2¼ inches.....	\$0 08	\$0 35	\$3 00
2½ inches.....	10	40	3 25
3 inches.....	12	55	4 50
3½ inches.....	18	70	6 00
4 inches.....	20	95	7 50
5 inches.....	25	1 40	12 50
6 inches.....	30	1 80	17 00

EARTHEN FLOWER POT (50)

Our Earthen Flower Pot stock is very large. We carry a full line of sizes at all times.

Height and width inside.	Ea.	Doz.	100	1,000
2 in.....	\$0 01	\$0 07	\$0 50	\$3 96
2½ in.....	01	08	56	4 45
2½ in.....	02	09	69	5 45
3 in.....	02	11	88	6 93
3½ in.....	02	14	1 06	8 41
4 in.....	02	18	1 38	10 89
4½ in.....	03	20	1 56	12 37
4½ in.....	03	24	1 88	14 85
5 in.....	03	32	2 50	19 80
5½ in.....	05	41	3 13	24 75
6 in.....	05	49	3 75	29 70
6½ in.....	07	62	4 80	44 00
7 in.....	08	78	6 00	55 00
8 in.....	11	1 09	8 40	77 00
9 in.....	16	1 56	12 00	110 00
10 in.....	22	2 11	16 20	148 50
11 in.....	29	2 81	21 60	
12 in.....	40	3 90	30 00	
14 in.....	80	7 80	60 00	
16 hand made.....	1 50	13 50		

EARTHEN BULB PANS

These are fine for planting with bulbs of various kinds or for ferns and other compact plants.

Diam. Inside	Each	Doz.	100
6 inches.....	\$0 07	\$0 68	\$3 75
7 inches.....	08	78	4 80
8 inches.....	10	98	6 00
9 inches.....	15	1 30	8 40
10 inches.....	20	1 63	10 80
12 inches.....	25	2 28	15 00
14 inches.....	50	4 55	30 00
16 inches.....	90	7 80	60 00
18 inches.....	1 25	11 70	90 00

SEED PANS—Earthenware.

Each	Doz.	Each	Doz.
6 in..... \$0 20	\$2 00	10 in..... \$0 30	\$3 00
8 in..... 25	2 50	12 in..... 40	3 50

WOOD-FIBER SAUCERS (51)

Absolutely waterproof and unbreakable. Plants can be stood on the finest covering of woodwork without damage.

Each	Doz.	100
4 inch..... \$0 11	\$1 24	\$9 27
5 inch..... 11	1 27	9 54
6 inch..... 12	1 32	9 90
7 inch..... 13	1 44	10 80
8 inch..... 14	1 56	11 70
9 inch..... 15	1 73	12 96
10 inch..... 16	1 80	13 50
12 inch..... 19	2 16	16 20
14 inch..... 25	2 88	21 60
16 inch..... 44	5 04	37 80
18 inch..... 50	5 76	43 20

EARTHENWARE SAUCERS.

Each	Doz.	100
4 inches..... \$0 02	\$0 15	\$1 12
5 inches..... 03	18	1 40
6 inches..... 04	24	1 88
7 inches..... 05	31	2 40
8 inches..... 06	47	3 60
9 inches..... 08	62	4 80
10 inches..... 09	78	6 00
11 inches..... 11	94	7 20
12 inches..... 15	1 17	9 00
14 inches..... 25	1 95	15 00

EARTHEN FERN PANS.

Width	Height	Each	Doz.
4 in.	1½ in.	\$0 04	\$0 31
4¾ in.	2½ in.	05	33
5½ in.	2½ in.	06	41
6½ in.	2½ in.	07	49
7 in.	2½ in.	09	55
8 in.	3½ in.	11	79
9 in.	3½ in.	15	95

Spray Pumps, Nozzles and Fixtures

SEND FOR SPECIAL PUMP CATALOGUES. We can save you money. We have a complete line of supplies and can fill your needs promptly.

Myers' Perfect Lever Bucket Pump. (52) It has all the advantages of the ordinary barrel pump and bucket pump combined. An ideal whitewash pump, also. \$4.25.

Myers' O. K. Spray Pump. (53) Has mechanical agitator, solid brass ram plunger, ground bevel valve and seat. Adjustable clamps, will fit any barrel. Use with any kind of mixture. Air-chamber for a pressure of 200 lbs. or more. A thoroughly good pump in every respect. \$18, including disgorger nozzle, two 15-foot lengths of 7-ply hose and bamboo rod, all ready for spraying.

The "Easy" Compressed Air Sprayer. (54) Of galvanized steel or of brass. Has automatic shut-off nozzle, holds one gallon, and is fine for small gardens or lawns. Galvanized iron, \$2, brass, \$3.

Improved Brass Barrel Spray Pump. Very powerful and easily operated nozzle. 15 feet of hose. \$8.

Dry Powder Sprayer. 60 cts

New Daisy Sprayer. Gives continuous spray with both front and back action of plunger. 75 cts.

Compressed Air Spray Pump. (55) A light, compact compressed air sprayer with reliable, durable valves and complete equipment for efficient service. Galvanized iron, \$4.50, brass, \$6.50. Extension rod, 24 in. long, 60 cts.

Ideal Spraying Outfit. (56) For small orchard, garden and farm. It is better than a knapsack sprayer and does not cost so much as larger sizes. Holds 15 gallons, is mounted so it will not spill, and is easy to handle and operate. Bronze valves, removable; air pressure of 100 lbs. is easily had and kept. Has mechanical agitator and a strainer.

Equipment: 10 ft. $\frac{3}{8}$ -inch pressure hose. 10-foot, 3-piece pipe extension. 1 T shut-off cock. 1 Brandt nozzle. Weight, 65 lbs. \$18.

Iron Pipe Extensions. 10 cts. per foot in 8- and 10-foot sections.

Bamboo Pipes for Extension. Lighter and in some ways better than metal. With connections, \$3, \$3.50, and \$4.

Spray Nozzles. 65 cts. to \$2.

Brass Y. (57) 50 cts.

Brass 3-Way Cock. (58) Complete, \$2; postage, 15 cts.

Hose Reducer. (59) 20 cts.

Lever Shut-off Cock. (60) 40 cts.

Hose Clamp. (61) $\frac{1}{2}$ - or $\frac{3}{4}$ -inch, 5 cts.; postage, 2 cts.

Brass U for 2 Nozzles. (62) $\frac{1}{4}$ -in., 40 cts.; postage, 5 cts.

Hose Coupling. (63) $\frac{1}{2}$ - or $\frac{3}{4}$ -inch, 20 cts.; postage, 8 cts.

Poultry Supply Department

EVERYTHING FOR POULTRY

It is impossible to list our complete line of supplies—write for anything you need—you will get the best price always. For Disinfectants and Insecticides, see page 64.

Incubators. "Banta Bender," "Buckeye," and "Essex Model." Write for prices and catalogue describing the one desired.

Buckeye Standard Incubators.

A. Capacity	60 eggs.....	\$10 00
1.	" 110	18 00
2.	" 175	23 00
3.	" 250	30 00
4.	" 350	38 00

Brooder and Incubator Thermometers. Accurate and reliable. 50 cts. and 60 cts.

Leg Bands. (64) For chickens, pigeons, turkeys, ducks and all poultry. Copper or aluminum. Doz. 15 cts., 100 \$1.

Gape Worm Extractor. 25 cts.

Poultry Markers. (65 and 66) 25 cts.

China Nest-Eggs. 3 cts. each, 25 cts. per doz. Add 2 cts. each for postage.

Knox Lice-Expelling Nest-Egg. A splendid thing, looks like a natural egg, acts as a nest-egg and lice-extermiator at the same time. It will not in any way affect the hen or eggs. 6 cts. each, 60 cts. doz. Add 2 cts. each for postage.

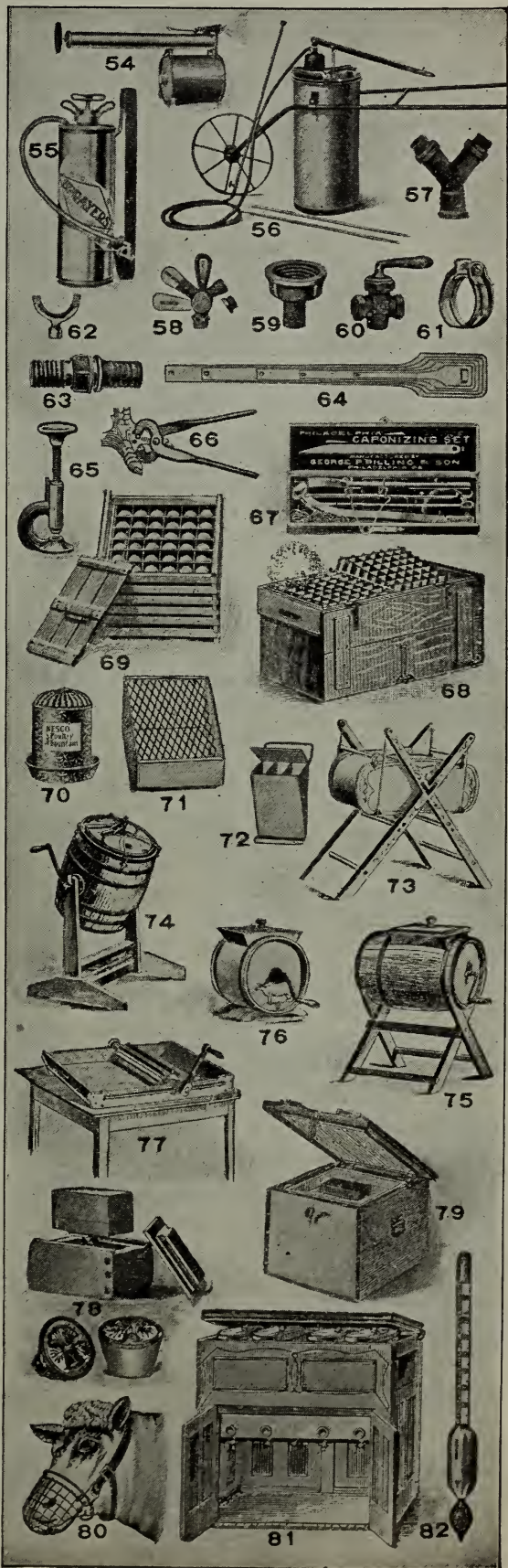
Caponizing Sets. (67) Philadelphia pattern, \$2.50. Farmer's \$3.

Perfection 30-Dozen Egg Crate. (68) Will outwear a dozen cheap crates. \$1.25 each.

Humpty Dumpty Egg Crates. (69) 3-doz. size, 30 cts.; 6-doz. size, 35 cts.; 12-doz. size, 40 cts.

Eyrie Hatching Egg Shipping Boxes. The Eyrie Egg Box stands preëminently as the best shipping box made. It has the greatest strength. 1 setting, 15 cts. each, \$1.50 per doz.; 2 settings, 25 cts. each, \$2.25 per doz.

Shipping Coop for Poultry. Strongly built. Wire-stayed and will stand knocks. For chickens, size 3 ft. long, 2 ft. wide, 1 ft. high, \$1.25 each, \$10 per doz. For turkeys, 16 inches high, \$1.50 each, \$12 per doz.



POULTRY SUPPLY AND DAIRY DEPARTMENT, continued

Nesco Galvanized Drinking-Fountains. (70)

	Each	Doz.		Each	Doz.
1-quart.....	\$0 25	\$2 50	4-quart.....	\$0 50	\$5 00
2-quart.....	35	3 50	8-quart.....	75	7 50

Boston Dry-Feed Hopper. (71) 8 in. wide, 90 cts. each; 15 in. wide, \$1; 20 in. wide, \$1.25; 36 in. wide, \$1.90.

Sanitary Feed Box. (72) 50 cts. each, \$5.40 per doz.

PEERLESS CREAMERY. (81) Each can holds 18 qts.

No. of cans	No. of cows.	Each
No. 2.....	2.....4 to 6.....	\$27 00
No. 3.....	3.....7 to 9.....	33 00
No. 4.....	4.....10 to 12.....	40 00
No. 5.....	5.....13 to 18.....	52 00

CHURNS

NOTE.—The capacity is twice the amount they churn.

DAVIS SWING CHURN (73)

Will churn	Each	Will churn	Each
No. 1. 4 gals.....	\$7 00	No. 4. 10 gals.....	\$12 00
No. 2. 5 gals.....	8 00	No. 5. 13 gals.....	15 00
No. 3. 8 gals.....	10 00	No. 6. 17 gals.....	18 00
		No. 7. 30 gals.....	25 00

BARREL CHURN (74)

No dasher; either stationary or folding stand.

Will churn	Each	Will churn	Each
No. 0. 3 gals.....	\$3 50	No. 4. 12 gals.....	\$6 50
No. 1. 4½ gals.....	4 00	No. 5. 16 gals.....	7 50
No. 2. 7 gals.....	4 50	No. 6. 22 gals.....	9 50
No. 3. 9 gals.....	5 00	No. 7. 28 gals.....	11 00

SPAIN'S PATENT CHURN (75)

Made of white cedar. Bound with galvanized iron hoops.			
Removable dasher.		Will churn	
Will churn	Each	No. 5. 32 qts.	\$8 90
No. 1. 9 qts.	\$5 90	No. 6. 44 qts.	10 60
No. 2. 15 qts.	6 60	Double crank.	
No. 3. 20 qts.	7 10	No. 6. 44 qts.	12 40
No. 4. 24 qts.	8 00	No. 7. 60 qts.	14 60

CEDAR CYLINDER CHURN (Double Removable

Dasher) (76)

Will churn	Each	Will churn	Each
No. 1. 3 gals.....	\$2 00	No. 3. 7 gals.....	\$3 00
No. 2. 4 gals.....	2 50	No. 4. 10 gals.....	3 50

REID'S BUTTER WORKER (77)

	Each		Each
No. 1, capacity 50 lbs..	\$10 00	No. 3, capacity 20 lbs..	\$7 00
No. 2, capacity 30 lbs..	8 00	No. 4, capacity 10 lbs..	6 00

Larger sizes quoted on application.

Butter Printers. (78) Pound or half-pound, complete, \$1.50.

Butter Bowls. 15 cts., 25 cts., 35 cts., 50 cts. and 60 cts.

Butter Ladles. 5 cts. and 10 cts.; regular size, 15 cts.; large size, 30 cts.

Dairy Paddles. 15 cts. each, \$1.50 per doz.

Ironclad Butter Boxes. (79)—

Print	Each	Print	Each
12-lb.....	\$3 50	56-lb.....	\$5 00
20-lb.....	3 75	80-lb.....	5 50
30-lb.....	4 25	96-lb.....	5 75
42-lb.....	4 75	120-lb.....	6 50

Swender Patent Waterproof Halter Weaner. (80) The Basket Weaner with Halter that has headed the list of calf weaners for the past fifteen years or more.

Three sizes: Calves, 45 cts. each, \$4.75 per doz. Yearlings, 50 cts. each, \$5 per doz. Cows 60 cts. each, \$6 per doz.

Dairy Thermometer. (82) 25 cts. each, \$2.50 per doz.

Blatchford's Calf Meal. The perfect milk substitute for raising calves—100 lbs. of it makes 100 gallons of rich nutritious gruel. It is absolutely the only milk substitute that contains all the elements necessary for bodily growth in the proper proportions, and it is the only calf meal that is thoroughly cooked and prepared for digesting by the tender stomach of the calf.

Analysis: 25 per cent protein, 5 per cent fat. Try a bag and be convinced. 100-lb. bag, \$3.50; 50-lb. bag, \$2; 25-lb. bag, \$1.

HOLMES' HIGH-GRADE FERTILIZERS PRICES SUBJECT TO MARKET CHANGES

Bone Flour (Pure). Ground perfectly fine; excellent for pot-plants or beds. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. \$1, 50 lbs. \$1.50, 100 lbs. \$2.50, bbl. of 200 lbs. \$4.50, ton \$40.

Bone Meal. Strictly pure and fresh. 3-lb. bag 15 cts., 5-lb. bag 25 cts., 10 lbs. 40 cts., 25 lbs. 75 cts., 50 lbs. \$1.25, 100 lbs. \$2, 200-lb. sack \$3.75, ton \$33.

Bone. Pure, coarse ground, 25 lbs. 85 cts., 50 lbs. \$1.25, 100 lbs. \$2.25, 200-lb. sack, \$4, ton \$35.

Cow- or Cattle-Manure (Shredded). One sack of this is equal to one cartload of fresh cow manure; is convenient to handle. In 100-lb. sacks only, \$2 per 100 lbs.; 500 lbs. \$9, 1,000 lbs. \$16, ton \$30.

Holmes' Plant-Food. Very effective, clean and easily applied. Pkg. 15 cts., 4 pkgs. 50 cts. (by mail, 24 cts. per pkg.).

Muriate of Potash. Lb. 10 cts., 5 lbs. 35 cts., 10 lbs. 50 cts., 25 lbs. \$1.15, 50 lbs. \$1.75, 100 lbs. \$3, 200 lbs. \$5.50.

Nitrate of Soda. Should not be applied until the plants are above the ground, when 100 to 150 lbs. per acre should be sown with other fertilizers, or mixed with phosphates. Lb. 8 cts., 5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. \$1.10, 50 lbs. \$2, 100 lbs. \$3.50, 200 lbs. \$6.50.

Phosphate, High-Grade Ammoniated. Apply 600 lbs. per acre. 5 lbs. 20 cts., 10 lbs. 35 cts., 25 lbs. 60 cts., 50 lbs. \$1, 100 lbs. \$1.75, 200 lbs. \$3, ton \$25.

Sulphate of Potash. 5 lbs. 40 cts., 25 lbs. \$1.50, 100 lbs. \$4, 200 lbs. \$7.25.

Sheep-Manure. Pure, fresh, pulverized. 2 lbs. 15 cts., 5 lbs. 25 cts., 10 lbs. 40 cts., 25 lbs. 75 cts., 50 lbs. \$1.25, 100 lbs. \$2, 500 lbs. \$9, ½ ton \$16, ton \$30.

Sulphate of Ammonia. Lb. 10 cts., 5 lbs. 35 cts., 10 lbs. 60 cts., 50 lbs. \$2.50, 100 lbs. \$4.50, 200 lbs. \$8.50.

INSECT DESTROYERS PRICES SUBJECT TO CHANGE

Ant-Destroyer. For destroying ants in house, lawn and garden. Pound can, 75 cts.

Aphine. For destroying aphids, green fly, thrip, red spider and other greenhouse and outdoor insects. It dilutes readily in water, about 1 part to 40 of the latter. Small can 25 cts., ½ pint 40 cts., pint 65 cts., quart \$1, gallon, \$2.50.

Arsenate of Lead. For spraying trees and shrubbery against attacks of leaf beetles. Lb. 25 cts., 5 lbs. 90 cts., 10 lbs. \$1.60, 50 lbs. \$6, 100 lbs. \$10.50.

Bordeaux-Arsenate. A combination of arsenate of lead and bordeaux which saves a double spraying. Kills all leaf-eating insects and checks fungous diseases. Lb. 25 cts., 2 lbs. 40 cts., 5 lbs. 90 cts., 10 lbs. \$1.60, 25 lbs. \$3.75, 50 lbs. \$7, 100 lbs. \$12.

Bordeaux Mixture. For black rot, downy mildew, and anthracnose of grape, potato blight, potato rot, leaf blight of cherry, pear, quince and other fungous diseases. Pound box 20 cts., 5 lbs. 75 cts., makes 25 gallons spray; 10 lbs. \$1.25, makes 50 gallons spray; 25-lb. box \$3, makes 125 gallons.

Bug Death. Now largely used instead of paris green; more safe, just as effectual and acts as a fertilizer as well as an insecticide. Lb. 15 cts., 3 lbs. 35 cts., 5 lbs. 50 cts., 12½ lbs. \$1, 100 lbs. \$7.50. (Special Shaker, 25 cts.)

Cow Ease. The finest article for affording comfort to cattle. They will yield more milk and remain in better condition. Qt. 35 cts., gal. \$1, 5 gals. \$4.

Fungine. An excellent remedy for fungous diseases of all kinds. Qt. 75 cts., gal. \$2.

Hellobore. For destroying rose slugs. ¼lb. 10 cts., ½lb. 15 cts., lb. 25 cts., 5 lbs. \$1, 10 lbs. \$1.85.

Kerosene Emulsion. Liquid. Qt. 40 cts., gal. \$1.

Lemon Oil. Will destroy mealy bug, scale, thrip, red spider, etc. ½pt. 25 cts., pt. 40 cts., qt. 75 cts., ½gal. \$1.25, gal. \$2, 5 gals. \$9. Dilute one part to thirty of water.

Lime-Sulphur Solution. For San José scale. Gallon makes 10 to 12 gallons of spray. Gal. 75 cts., 5-gal. can \$2.25, 10 gals. \$3.75, half bbl., about 30 gals., 25 cts. per gal.; bbl., about 50 gals., 20 cts. per gal.

Nicotide. A powerful insecticide for vaporizing. ¼pt. 70 cts., ½pt. \$1.25, pt. \$2.50, qt. \$4.50, gal. \$15. Lamps, each 50 cts.

Nico-Fume. Liquid. For spraying and vaporizing. ¼pt. 50 cts., pt. \$1.50, ½gal. \$5.50, gal. \$10.50.

Nico-Fume. Positive death to red spider and aphids. Put up in air-tight metal packages. Box 75 cts., 144 sheets \$3.50, 288 sheets \$6.50.

Nikoteen. For spraying and vaporizing. Pt. \$1.50, 10 pts. \$14.

Paris Green, Pure. ¼lb. 15 cts., ½lb. 25 cts., lb. 40 cts., 5 lbs. \$1.90, 14 lbs. \$5.

Slug-Shot. One of the best powders for destroying insects. 5 lbs., 30 cts., 25 lbs. \$1.40, 50 lbs. \$2.50, 100 lbs. \$5.

Sulpho-Tobacco Soap. 4-oz. pkg. 10 cts., 8-oz. pkg. 20 cts.

Tobacco Dust. For burning or dusting; state which is wanted. 5 lbs. 35 cts., 10 lbs. 60 cts., 25 lbs. \$1.25, 50 lbs. \$2, 100 lbs. \$3.50.

Tobacco Soap. For destroying insects, parasites and their eggs infesting either plants or animals. ½lb. 20 cts., lb. 40 cts.

Tobacco Stems, Fresh. 200 lbs. \$2, ½ton \$6.50, ton \$12.

Whale-Oil Soap. Caustic soft soap. Lb. 20 cts., 5 lbs. 75 cts., 25 lbs. \$1.75, 50 lbs. \$3.25, 100 lbs. \$5. Barrels of about 425 lbs. \$17.

Weed Killer. For killing weeds in walks and drives. Gal. \$1, 5 gals. \$4, 10 gals. \$7.50.

Worm Eradicator. (Radix). For removing worms of any kind in greenhouse and potted plants, etc., without injury to delicate plants, 1 lb., making 30 gallons of liquid, 60c.



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